

**Total Dissolved Gas Measurements at Dworkshak Dam,
Idaho Tailrace During 100 Percent RO Discharge:
November, 2006**

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1. Locations of the Experimental Sites 1 through 5 and the Dworshak FMS Station.
2. Ten Minute Percent Saturation Data from the DWQI FMS Station and all Five Experimental Sites; including RO Discharge, Power Discharge, Total Dishcharge (Q) in 1000 Cubic Feet per Second (KCFS); with Barometric Pressure in mmHg, November 11, 2006 to November 17, 2006.
3. Pressure Transducer Calibration Data for the Ten Sondes used in the Study.
4. Sonde Deployment Assignment by Site.

ABSTRACT

The main unit (XJ) breakers needed replacement an updating on Dworshak units one through three. The unit outages would necessitate all discharge passing through the RO outlets. The total dissolved gas (TDG) was expected to exceed 120 percent saturation. The Walla Walla District, U.S. Army Corps of Engineers deployed 10 Hydrolab Datasonde 4® instruments in pairs at five experimental locations. The five stations were compared to the Dworshak FMS (DWQI) station. Experimental sites two through five compared proportionally when graphed with the Dworshak FMS. Site one did not compare with the other sites or the Dworshak FMS. The TDG did not exceed 115 percent saturation at all sites.

1.0 INTRODUCTION

In late September 2006, the main unit (XJ) breakers needed to be replaced on Dworshak Units 1,2 and 3. These breakers were the old ‘Air-blast’ type and were the original breaker installed during construction about thirty years ago. The BPA Large CAP program funded the retrofit of the new quieter Sulfur Hexafluoride (SF-6) breakers that are more reliable and required less maintenance. Unit one was already under maintenance and it was necessary to conduct a line outage to isolate the required breakers. The prime contractor (ABB Inc.) requested a 500 KV line outage on lines two and three to complete the retrofit.

In order to pass project inflow, water had to be diverted through the RO outlets from 12 November to 13 November, 2006. This presented an opportunity to study and document the Total Dissolved Gas (TDG) supersaturation during this unique project operation. Approximately 1.4 thousand cubic feet per second (KCFs) would need to be passed during the retrofit. In October, 2006, the Northwestern Division (NWD), Reservoir Control Center (RCC), requested the Walla Walla District Engineer Division, Hydrology Section to deploy water quality sondes with TDG sensors, internal battery packs and data loggers in the channel downstream from the end sill of the spillway to collect data during this event. TDG levels were expected to exceed 120 percent saturation in the tail water sites.

Walla Walla District personnel decided to deploy 5 sets of two sondes at five separate experimental sites. Two sites were to be located 200 feet below the end sill; one was to be deployed parallel to the powerhouse flow; and the remaining two sites were downstream of the tailwater and above the Dworshak FMS (DWQI) station located near the water intakes at the Dworshak National Fish Hatchery.

2.0 METHODS AND MATERIALS

2.1 LABORATORY CALIBRATION

Eleven (10 operational plus 1 spare) Hydrolab Datasonde 4[®] multi-parameter water quality sondes were used for this study. The instruments were equipped with a depth sensor, temperature sensor, and total dissolved gas (TDG) pressure transducer sensor. Only depth and TDG were used in this study. The Datasonde 4[®] TDG sensors were calibrated with a Heise pressure calibration set using the methods in Wagner *et al.* (2000) and USACE (2005). Barometric pressure was recorded from a Nova Lynx[®] portable digital barometer and the barometer built into the Hydrolab Surveyor 4[®] instrument. Calibration data was collected and tabulated using the procedures in Heaton (2006).

2.2 FIELD DEPLOYMENT

The Datasonde 4[®] instruments were programmed to record data every 10 minutes starting at 12:00 on November 11, 2006 until 24:00 on November 17, 2006. The sondes were then placed in metal cages (Figure 2) or 4-inch PVC pipe deployment tubes, and attached to the cages with

28 inch plastic wire zip ties or ¼ -inch stainless steel cable in the case of the deployment tubes. The lanyard, or tethering cable, was attached a large rock along the shoreline using copper “swedge” sleeves to prevent tampering. The deployment enclosures were held to the bottom of the channel using 160-pound concrete weights (Figure 2).

2.3 DEFINING MISSING DATA VALUES

Project operation data, Dworshak FMS (DWQI) station data, and barometric pressure data were only available in hourly increments using the DATAQUERY online database program. To simulate ten minute data, the missing values were filled into the blanks using the hourly reported value. An example would be where:

Time	TDG %
15:00	102.2
15:10	102.2
15:20	102.2
15:30	102.2
15:40	102.2
15:50	102.2

Bold Numbers were filled in from hourly data

3.0 RESULTS

3.1 LABORATORY DATA RESULTS

Project operation data, Dworshak FMS (DWQI) data, and barometric pressure data are presented in Table 2. The FMS station (DWQI) ranged from 99.9 to 112.2 percent saturation, with a mean of 102.8 percent saturation (Figure 3, Table 3). The barometric pressure data ranged from 723.5 mmHg to 745.7 mmHg, with a mean of 736.8 mmHg (Table 3).

The post deployment pressure transducer calibration data ranged from +0.5 mmHg to -1.8 mmHg, with an average difference from the barometric pressure of -0.86 mmHg (Table 4). Post calibration data was all less than 2 mmHg and considered to be within the manufacturer’s specifications.

3.2 FIELD DATA RESULTS

None of the experimental sites exceeded 120 percent saturation. Data from experimental sites one through five are presented in Table 2. Experimental site one ranged from 100.9 to 104.0 percent saturation, with an average of 102.1 percent saturation (Figure 4, Table 2). Experimental site two ranged from 97.7 to 115.1 percent saturation, with an average of 103.5 percent saturation (Figure 5, Table 2). Experimental site three ranged from 99.6 to 110.9 percent saturation, with an average of 104.3 percent saturation (Figure 6, Table 2). Experimental site four ranged from 97.8 to 113.8 percent saturation, with an average of 103.3 percent saturation

(Figure 7, Table 2). Experimental site five ranged from 98.0 to 113.3 percent saturation, with an average of 103.2 percent saturation (Figure 8, Table 2).

4.0 DISCUSSION

4.1 LABORATORY PREPARATION

The 10 sondes selected for this study were previously used in the TDG maintenance study and considered to be the best units available for this study considering their recent overhauls (Heaton, 2006). Prior to deployment, the units consistently maintained calibration to within 1 mmHg or better. The sondes were programmed to initiate data logging at a specific time and date which allowed for easier deployment in the field.

4.2 DEPLOYMENT

Because of the deep narrow canyon walls of the study sight Global Positioning System (GPS) data was not collected. Attempts were made during deployment and recovery, but these were not successful. Position corrected aerial photographs were used to plot the approximate positions and a Computer Aided Drawing (CAD) system was used to determine the final coordinates. The estimated accuracies are plus or minus 30 feet.

There was no reason to believe that the sensors moved during the recovery operations since the tethering cables remained parallel to the dam as when they were deployed. At experimental site 4 the cable was frayed and severed, but this was probably due to abrasion against the rock along the shoreline. When the cable was recovered, the sonde tethering cable remained parallel with the dam. Therefore, it is assumed that the experimental site 4 deployment tubes did not move from their original deployment point.

Ten sondes were used in the study and the specific assignment by serial number is described in Table 4. None of the instruments failed to operate correctly during the entire study.

4.3 FIELD DATA COLLECTION

Temperature was logged but not reported in this study because the water temperature did not vary significantly and the measurement was not necessary for this study. Most temperature readings were between 8.7°C and 9.2°C throughout the study period. The electronic version of this report included the five experimental site's data in MS EXCEL spreadsheets. If the temperature data is required the station temperature data is available online from the (DWQI) FMS via the DATAQUERY program.

Depth of measurement was recorded and kept in the MS EXCEL spreadsheets since it could be critical to certain data analysis.

Experimental data sites 2 through 5 tracked well with the Dworshak FMS (DWQI) station (Figure 9). This was not the case for Experimental Site 1 (Figure 4). Experimental site 1 did not exceed 104.0 percent saturation (Table 3) and both TDG peaks were poorly defined or undetectable. Although the deployment was in the center of the channel, the data described

would indicate the actual placement could have been closer to the north shore. Another possible explanation was that the water was not mixed and a slug of low supersaturated water remained on the Northern shore of the channel. This could be further explained by the fact that water directly in Experimental Site 3 was supersaturated in relation to Experimental Sites 4 and 5 (Figure 9). Site two also had fully developed peaks that correlated well with the Dworshak FMS (DWQI) station (Figure 3 and 6).

4.4 DATA QUALITY ANALYSIS

Based on laboratory post calibration data the sondes were all considered to be accurate to within 2 mmHg. This roughly correlates to the method detection limit of a traditional chemistry analysis. The location data is considered to be accurate to plus or minus 30 feet. This is equivalent to circular error of 60 feet. However, this should be sufficient to use in most numerical models that would describe point TDG supersaturation. Researchers should be aware that the TDG production potential should be used only for the specific operation tested during this study. The single RO discharge was approximately 0.90 KCFS with no powerhouse flow. Additionally, the second peak (Figure 9) shows TDG production numbers that are specific to 4.30 KCFS discharge from the powerhouse exclusively.

The Dworshak FMS (DWQI) calibration data provided from the United States Geological Survey (USGS) shows that the station was operating within acceptable parameters. For comparison and modeling purposes the data from the FMS station (DWQI) is accurate. The Experimental Sites 2 through 5 are considered accurate and representative of the TDG production derived from the previously mentioned specific project operation. Site one is considered accurate based on its sonde post calibration data (Table 4) but is not representative of TDG production derived from the specific RO discharge. The data from Experimental Site 1 could be used to characterize a point measurement at the specific time and duration but is not considered representative for use in modeling or numerical calculations.

5.0 REFERENCES

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- Wagner, R.J., H.C. Mattraw, G.F.Ritz, and B.A. Smith. 2000. *Guidelines and Standard Procedures for Continuous Water-Quality Monitors: Site Selection, Field Operation, Calibration, Record Computation and Reporting*. 2000. U.S. Geological Survey (USGS), Department of the Interior, Reston, Virginia.

FIGURES

Figure 1. Locations of the Experimental Sites 1 through 5 and the Dworshak FMS (DWQI) Station.



Figure 2. Photograph of the Anchor and Cage Deployment System Used in the Study



Figure 3. Chart Plots of the Dworshak FMS station (DWQI) comparing TDG Percent Saturation, RO Discharge, Power Discharge, and Total Discharge (Q) verses time duration, November 11-17, 2006.

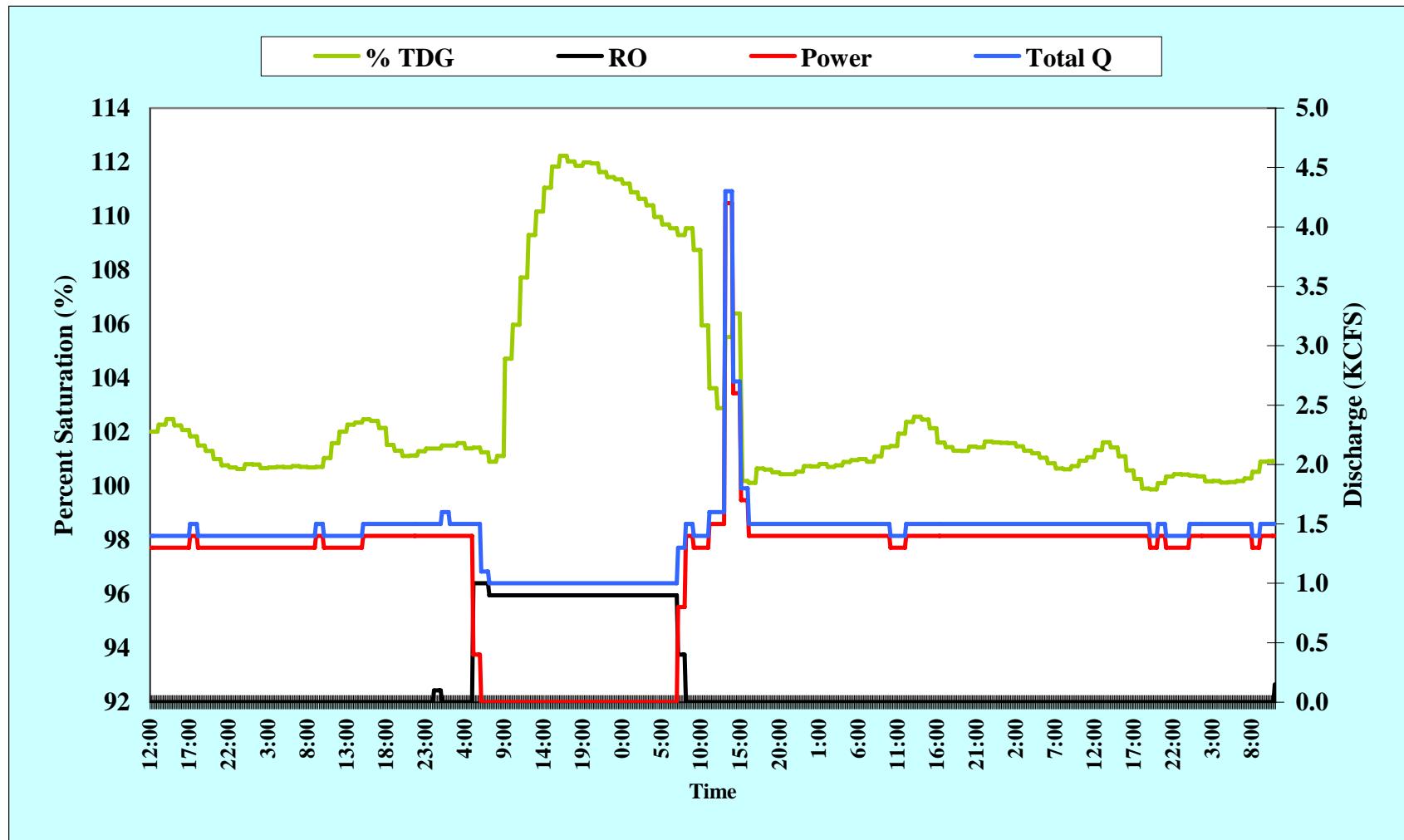


Figure 4. Chart Plots of the Experimental Site 1 comparing TDG Percent Saturation, RO Discharge, Power Discharge, and Total Discharge (Q) verses time duration, November 11-17, 2006.

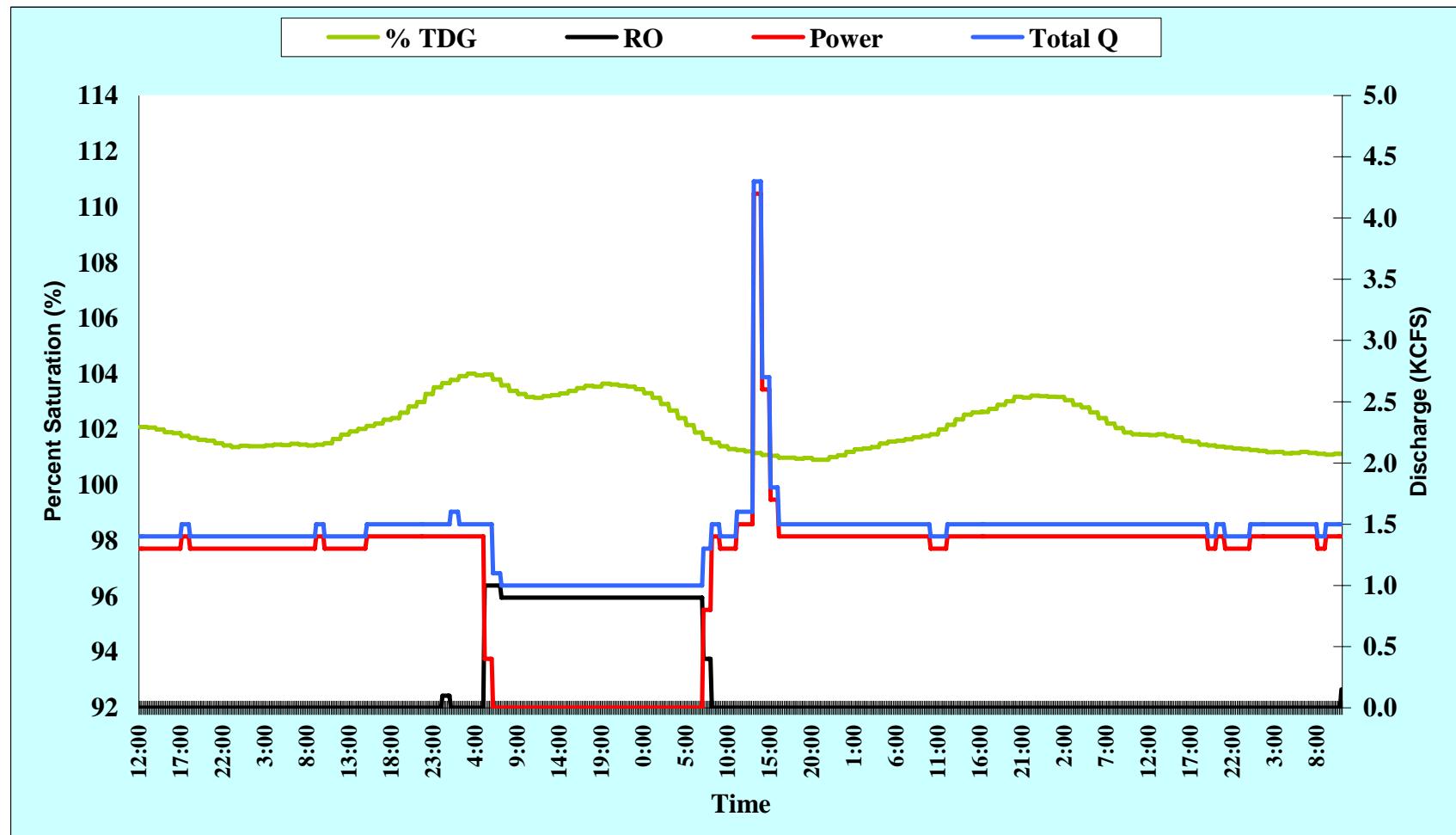


Figure 5. Chart Plots of the Experimental Site 2 comparing TDG Percent Saturation, RO Discharge, Power Discharge, and Total Discharge (Q) verses time duration, November 11-17, 2006.

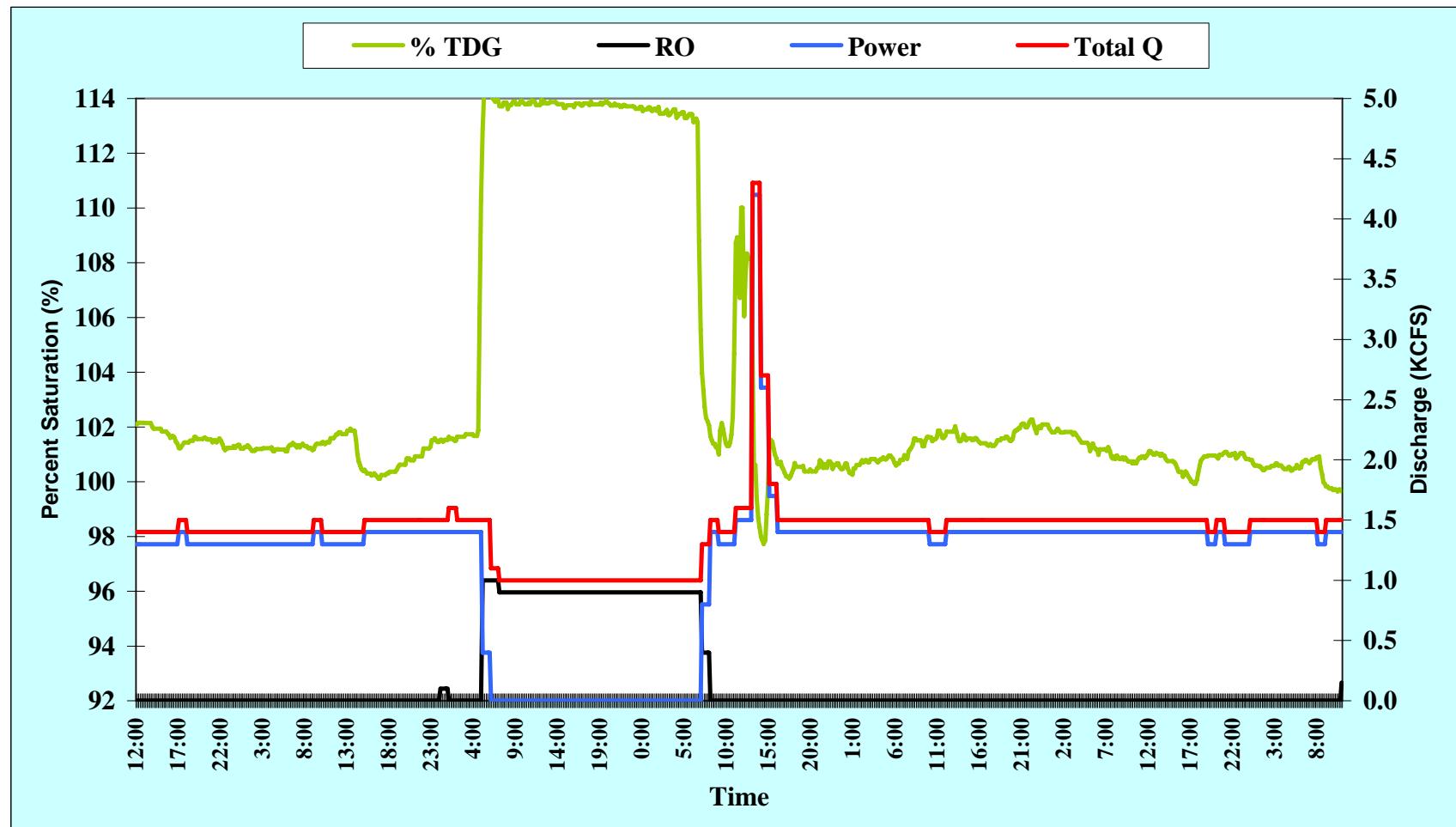


Figure 6. Chart Plots of the Experimental Site 3 comparing TDG Percent Saturation, RO Discharge, Power Discharge, and Total Discharge (Q) verses time duration, November 11-17, 2006.

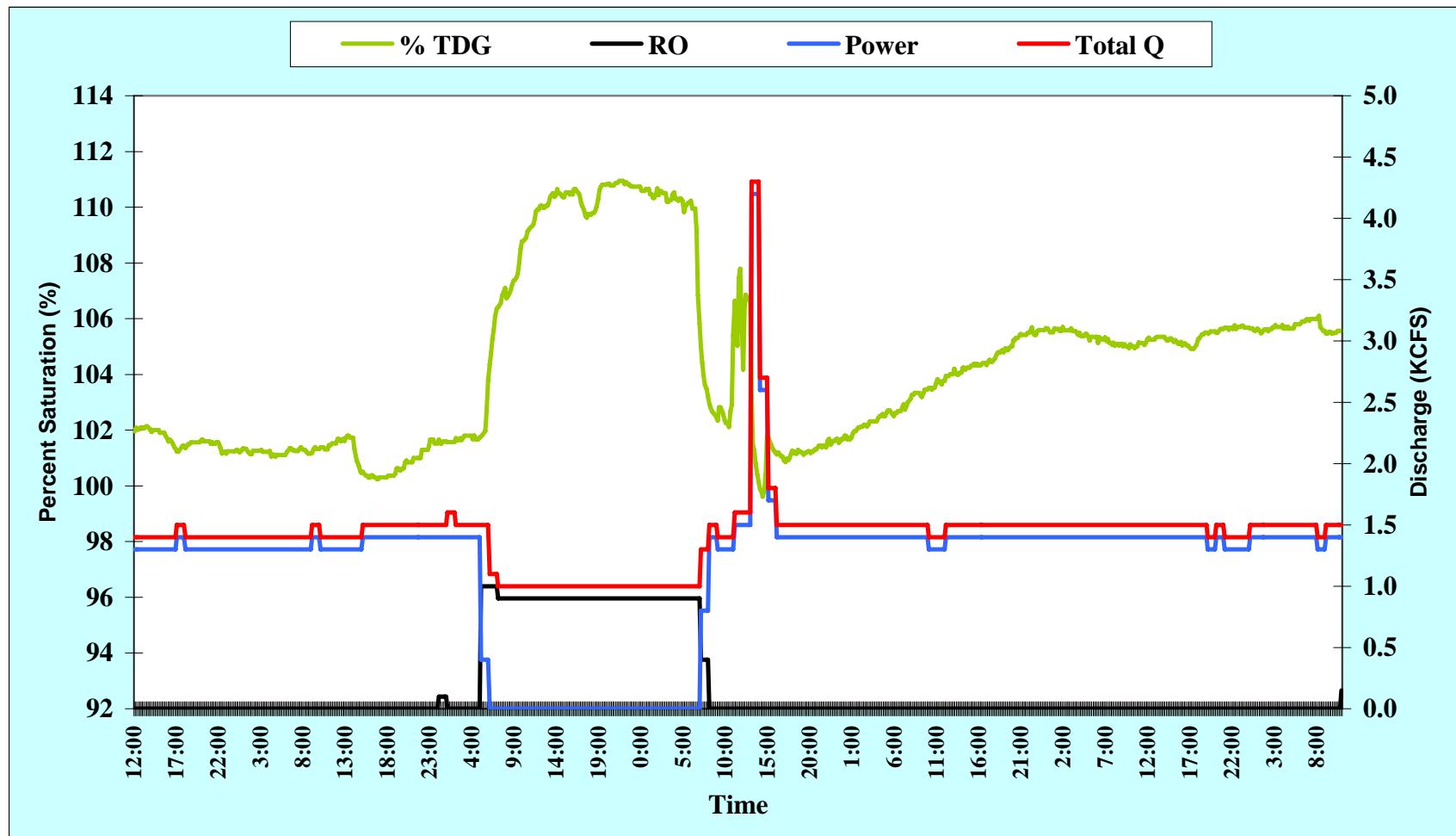


Figure 7. Chart Plots of the Experimental Site 4 comparing TDG Percent Saturation, RO Discharge, Power Discharge, and Total Discharge (Q) verses time duration, November 11-17, 2006.

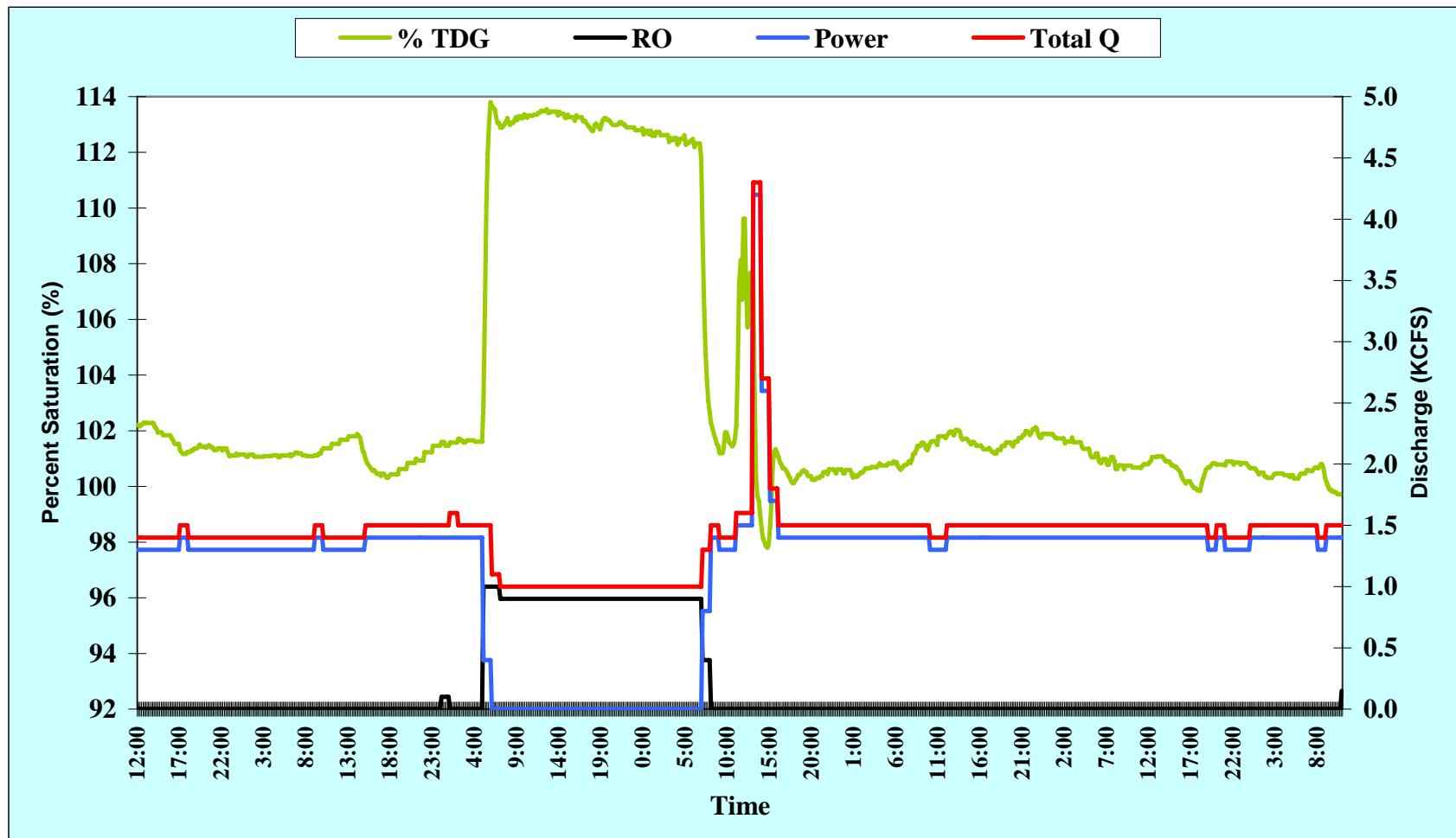


Figure 8. Chart Plots of the Experimental Site 5 comparing TDG Percent Saturation, RO Discharge, Power Discharge, and Total Discharge (Q) verses time duration, November 11-17, 2006.

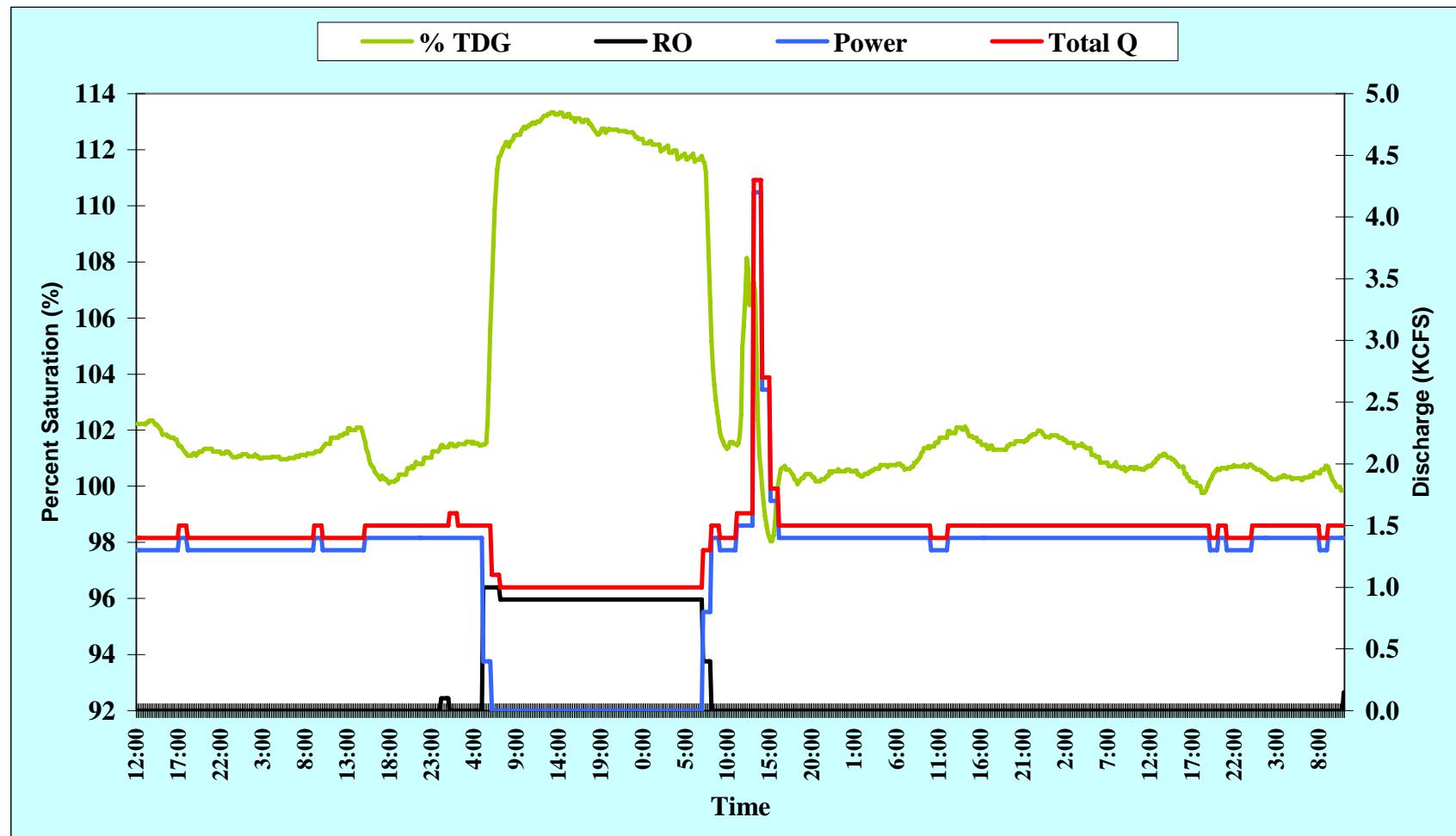
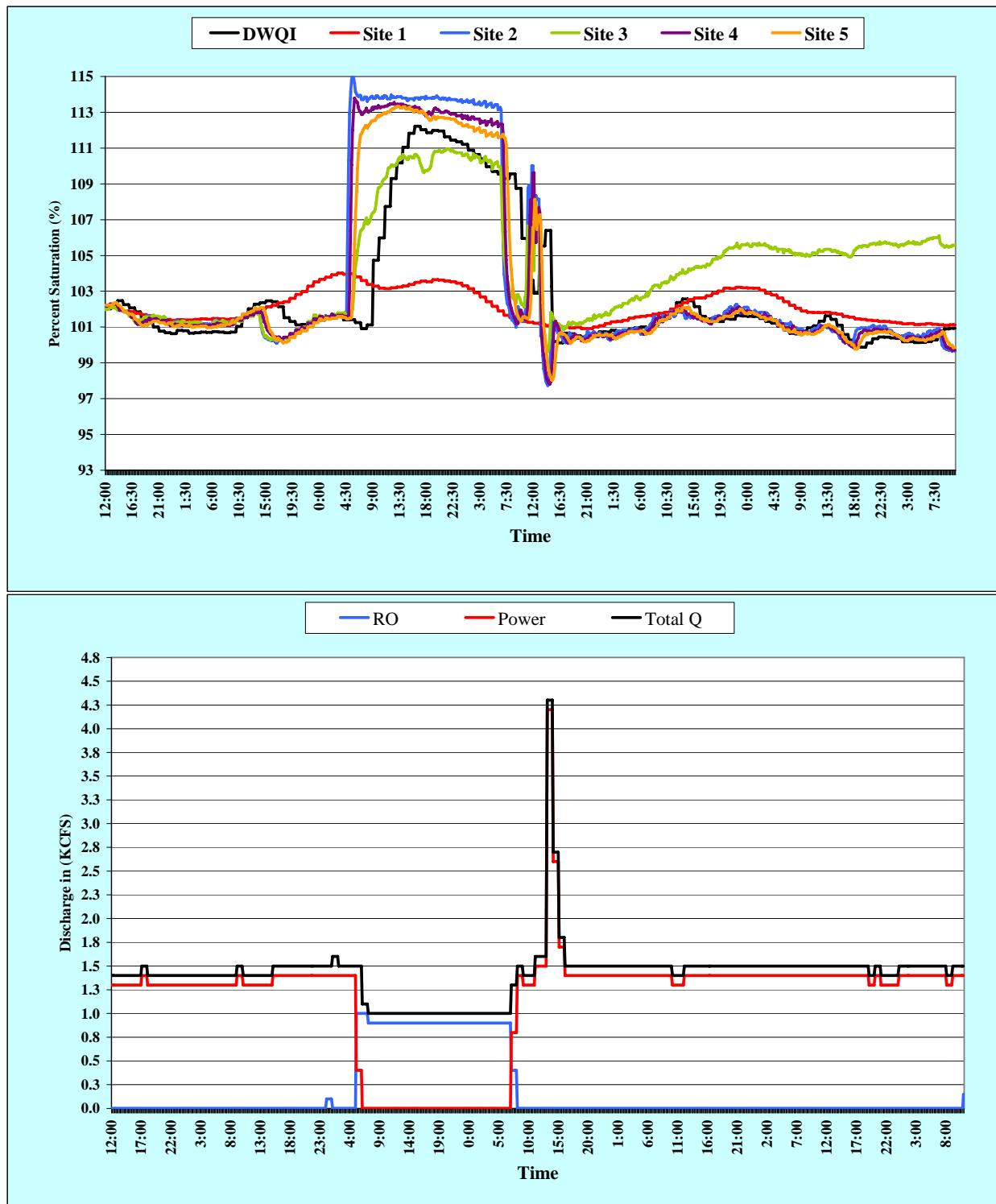


Figure 9. Combined chart comparing Experimental Sites 1 through 5; the Dworshak FMS Station (DWQI); with RO, Power, Total Q Discharges, November 11-17, 2006.



TABLES

Table 1. Locations of the Experimental Sites 1 through 5 and the Dworshak FMS Station.

Site Location	Datum	Latitude	Longitude
Experimental Site 1	NAD83	46° 30' 30.85362 N	116° 18' 32.39235 W
Experimental Site 2	NAD83	46° 30' 37.35192 N	116° 18' 11.61232 W
Experimental Site 3	NAD83	46° 30' 48.10343 N	116° 17' 55.03473 W
Experimental Site 4	NAD83	46° 30' 46.30892 N	116° 17' 54.58766 W
Experimental Site 5	NAD83	46° 30' 45.66189 N	116° 17' 53.65172 W
Dworshak FMS (DWQI) Station	NAD83	46° 30' 11.6464 N	116° 19' 16.4090 W

Table 2. Ten Minute Percent Saturation Data from the DWQI FMS station and all Five Experimental Sites; including RO flow, Power flow and Total flow data (Q) in 1000 Cubic Feet per Second (KCFS); with Barometric Pressure in mmHg, November 11, 2006 to November 17, 2006.

Date MMDDYY	Time HHMM	DWQI Percent	Site 1 Percent	Site 2 Percent	Site 3 Percent	Site 4 Percent	Site 5 Percent	Barometer (mmHg)	RO (KCFS)	Power (KCFS)	Total Q (KCFS)
		Saturation	Saturation	Saturation	Saturation	Saturation	Saturation				
11/11/06	12:00	102.0	102.1	102.1	102.0	102.2	102.2	737.1	0.00	1.30	1.40
11/11/06	12:10	102.0	102.1	102.2	102.1	102.2	102.2	737.1	0.00	1.30	1.40
11/11/06	12:20	102.0	102.1	102.2	102.0	102.2	102.2	737.1	0.00	1.30	1.40
11/11/06	12:30	102.0	102.1	102.2	102.0	102.2	102.2	737.1	0.00	1.30	1.40
11/11/06	12:40	102.0	102.1	102.2	102.1	102.3	102.2	737.1	0.00	1.30	1.40
11/11/06	12:50	102.0	102.1	102.2	102.1	102.3	102.2	737.1	0.00	1.30	1.40
11/11/06	13:00	102.3	102.1	102.1	102.1	102.3	102.2	737.2	0.00	1.30	1.40
11/11/06	13:10	102.3	102.1	102.1	102.1	102.3	102.3	737.2	0.00	1.30	1.40
11/11/06	13:20	102.3	102.1	102.1	102.1	102.3	102.3	737.2	0.00	1.30	1.40
11/11/06	13:30	102.3	102.1	102.1	102.1	102.3	102.3	737.2	0.00	1.30	1.40
11/11/06	13:40	102.3	102.1	102.1	102.1	102.3	102.3	737.2	0.00	1.30	1.40
11/11/06	13:50	102.3	102.1	102.0	102.0	102.3	102.3	737.2	0.00	1.30	1.40
11/11/06	14:00	102.5	102.0	101.9	101.9	102.1	102.3	737.7	0.00	1.30	1.40
11/11/06	14:10	102.5	102.0	101.9	102.0	102.1	102.2	737.7	0.00	1.30	1.40
11/11/06	14:20	102.5	102.0	101.9	102.0	101.9	102.2	737.7	0.00	1.30	1.40
11/11/06	14:30	102.5	102.0	101.9	102.0	101.9	102.1	737.7	0.00	1.30	1.40
11/11/06	14:40	102.5	102.0	101.9	102.0	101.9	102.1	737.7	0.00	1.30	1.40
11/11/06	14:50	102.5	102.0	101.9	102.0	101.9	102.0	737.7	0.00	1.30	1.40
11/11/06	15:00	102.2	101.9	101.8	101.9	101.8	101.8	738.4	0.00	1.30	1.40
11/11/06	15:10	102.2	101.9	101.8	101.9	101.8	101.8	738.4	0.00	1.30	1.40
11/11/06	15:20	102.2	101.9	101.8	101.9	101.8	101.8	738.4	0.00	1.30	1.40
11/11/06	15:30	102.2	101.9	101.8	101.9	101.8	101.8	738.4	0.00	1.30	1.40
11/11/06	15:40	102.2	101.9	101.8	101.8	101.8	101.8	738.4	0.00	1.30	1.40
11/11/06	15:50	102.2	101.9	101.7	101.7	101.8	101.8	738.4	0.00	1.30	1.40
11/11/06	16:00	102.1	101.9	101.6	101.6	101.7	101.7	738.7	0.00	1.30	1.40
11/11/06	16:10	102.1	101.9	101.7	101.7	101.7	101.7	738.7	0.00	1.30	1.40
11/11/06	16:20	102.1	101.9	101.7	101.6	101.5	101.7	738.7	0.00	1.30	1.40
11/11/06	16:30	102.1	101.9	101.6	101.5	101.5	101.7	738.7	0.00	1.30	1.40

Table 2 (continued). Ten Minute Percent Saturation Data from the DWQI FMS station and all Five Experimental Sites; including RO flow , Power flow and Total flow data (Q) in 1000 Cubic Feet per Second (KCFS); with Barometric Pressure in mmHg, November 11, 2006 to November 17, 2006.

Date MMDDYY	Time HHMM	DWQI Percent	Site 1 Percent	Site 2 Percent	Site 3 Percent	Site 4 Percent	Site 5 Percent	Barometer (mmHg)	RO (KCFS)	Power (KCFS)	Total Q (KCFS)
		Saturation	Saturation	Saturation	Saturation	Saturation	Saturation				
11/11/06	16:40	102.1	101.9	101.5	101.4	101.5	101.7	738.7	0.00	1.30	1.40
11/11/06	16:50	102.1	101.9	101.4	101.3	101.5	101.5	738.7	0.00	1.30	1.40
11/11/06	17:00	101.8	101.8	101.2	101.2	101.3	101.4	739.4	0.00	1.40	1.50
11/11/06	17:10	101.8	101.8	101.2	101.2	101.2	101.4	739.4	0.00	1.40	1.50
11/11/06	17:20	101.8	101.8	101.3	101.3	101.2	101.4	739.4	0.00	1.40	1.50
11/11/06	17:30	101.8	101.8	101.4	101.4	101.2	101.3	739.4	0.00	1.40	1.50
11/11/06	17:40	101.8	101.8	101.4	101.4	101.2	101.2	739.4	0.00	1.40	1.50
11/11/06	17:50	101.8	101.8	101.4	101.4	101.2	101.2	739.4	0.00	1.40	1.50
11/11/06	18:00	101.5	101.7	101.4	101.4	101.2	101.1	739.9	0.00	1.30	1.40
11/11/06	18:10	101.5	101.7	101.4	101.4	101.2	101.1	739.9	0.00	1.30	1.40
11/11/06	18:20	101.5	101.7	101.5	101.5	101.3	101.1	739.9	0.00	1.30	1.40
11/11/06	18:30	101.5	101.7	101.5	101.5	101.3	101.1	739.9	0.00	1.30	1.40
11/11/06	18:40	101.5	101.7	101.5	101.6	101.4	101.2	739.9	0.00	1.30	1.40
11/11/06	18:50	101.5	101.7	101.6	101.6	101.4	101.2	739.9	0.00	1.30	1.40
11/11/06	19:00	101.3	101.6	101.6	101.6	101.4	101.1	740.4	0.00	1.30	1.40
11/11/06	19:10	101.3	101.6	101.6	101.6	101.4	101.2	740.4	0.00	1.30	1.40
11/11/06	19:20	101.3	101.6	101.6	101.6	101.5	101.2	740.4	0.00	1.30	1.40
11/11/06	19:30	101.3	101.6	101.6	101.6	101.4	101.2	740.4	0.00	1.30	1.40
11/11/06	19:40	101.3	101.6	101.6	101.6	101.4	101.2	740.4	0.00	1.30	1.40
11/11/06	19:50	101.3	101.6	101.6	101.6	101.4	101.3	740.4	0.00	1.30	1.40
11/11/06	20:00	101.0	101.6	101.6	101.7	101.4	101.3	740.6	0.00	1.30	1.40
11/11/06	20:10	101.0	101.6	101.6	101.6	101.4	101.3	740.6	0.00	1.30	1.40
11/11/06	20:20	101.0	101.6	101.5	101.6	101.5	101.3	740.6	0.00	1.30	1.40
11/11/06	20:30	101.0	101.6	101.5	101.6	101.5	101.3	740.6	0.00	1.30	1.40
11/11/06	20:40	101.0	101.6	101.5	101.6	101.4	101.3	740.6	0.00	1.30	1.40
11/11/06	20:50	101.0	101.6	101.5	101.6	101.4	101.3	740.6	0.00	1.30	1.40
11/11/06	21:00	100.8	101.5	101.4	101.5	101.3	101.2	741.3	0.00	1.30	1.40
11/11/06	21:10	100.8	101.5	101.5	101.6	101.3	101.2	741.3	0.00	1.30	1.40

Table 2 (continued). Ten Minute Percent Saturation Data from the DWQI FMS station and all Five Experimental Sites; including RO flow, Power flow and Total flow data (Q) in 1000 Cubic Feet per Second (KCFS); with Barometric Pressure in mmHg, November 11, 2006 to November 17, 2006.

Date MMDDYY	Time HHMM	DWQI Percent	Site 1 Percent	Site 2 Percent	Site 3 Percent	Site 4 Percent	Site 5 Percent	Barometer (mmHg)	RO (KCFS)	Power (KCFS)	Total Q (KCFS)
		Saturation	Saturation	Saturation	Saturation	Saturation	Saturation				
11/11/06	21:30	100.8	101.5	101.4	101.5	101.4	101.2	741.3	0.00	1.30	1.40
11/11/06	21:40	100.8	101.5	101.5	101.6	101.4	101.2	741.3	0.00	1.30	1.40
11/11/06	21:50	100.8	101.5	101.6	101.6	101.4	101.2	741.3	0.00	1.30	1.40
11/11/06	22:00	100.7	101.4	101.5	101.5	101.3	101.2	741.9	0.00	1.30	1.40
11/11/06	22:10	100.7	101.4	101.4	101.4	101.4	101.2	741.9	0.00	1.30	1.40
11/11/06	22:20	100.7	101.4	101.2	101.2	101.4	101.2	741.9	0.00	1.30	1.40
11/11/06	22:30	100.7	101.4	101.2	101.2	101.4	101.2	741.9	0.00	1.30	1.40
11/11/06	22:40	100.7	101.4	101.2	101.2	101.2	101.2	741.9	0.00	1.30	1.40
11/11/06	22:50	100.7	101.4	101.2	101.2	101.1	101.2	741.9	0.00	1.30	1.40
11/11/06	23:00	100.6	101.4	101.2	101.2	101.1	101.2	742.3	0.00	1.30	1.40
11/11/06	23:10	100.6	101.4	101.2	101.2	101.1	101.1	742.3	0.00	1.30	1.40
11/11/06	23:20	100.6	101.4	101.2	101.2	101.1	101.0	742.3	0.00	1.30	1.40
11/11/06	23:30	100.6	101.4	101.3	101.2	101.1	101.0	742.3	0.00	1.30	1.40
11/11/06	23:40	100.6	101.4	101.2	101.2	101.2	101.0	742.3	0.00	1.30	1.40
11/11/06	23:50	100.6	101.4	101.3	101.2	101.1	101.0	742.3	0.00	1.30	1.40
11/12/06	0:00	100.8	101.4	101.3	101.3	101.1	101.1	742.0	0.00	1.30	1.40
11/12/06	0:10	100.8	101.4	101.3	101.3	101.1	101.1	742.0	0.00	1.30	1.40
11/12/06	0:20	100.8	101.4	101.2	101.2	101.1	101.1	742.0	0.00	1.30	1.40
11/12/06	0:30	100.8	101.4	101.2	101.2	101.1	101.1	742.0	0.00	1.30	1.40
11/12/06	0:40	100.8	101.4	101.2	101.3	101.1	101.1	742.0	0.00	1.30	1.40
11/12/06	0:50	100.8	101.4	101.3	101.3	101.1	101.1	742.0	0.00	1.30	1.40
11/12/06	1:00	100.8	101.4	101.3	101.3	101.1	101.1	742.1	0.00	1.30	1.40
11/12/06	1:10	100.8	101.4	101.3	101.3	101.1	101.1	742.1	0.00	1.30	1.40
11/12/06	1:20	100.8	101.4	101.3	101.3	101.1	101.1	742.1	0.00	1.30	1.40
11/12/06	1:30	100.8	101.4	101.2	101.2	101.1	101.1	742.1	0.00	1.30	1.40
11/12/06	1:40	100.8	101.4	101.1	101.1	101.1	101.1	742.1	0.00	1.30	1.40
11/12/06	1:50	100.8	101.4	101.1	101.1	101.1	101.1	742.1	0.00	1.30	1.40
11/12/06	2:00	100.7	101.4	101.1	101.3	101.1	101.1	742.1	0.00	1.30	1.40

Table 2 (continued). Ten Minute Percent Saturation Data from the DWQI FMS station and all Five Experimental Sites; including RO flow, Power flow and Total flow data (Q) in 1000 Cubic Feet per Second (KCFS); with Barometric Pressure in mmHg, November 11, 2006 to November 17, 2006.

Date MMDDYY	Time HHMM	DWQI Percent	Site 1 Percent	Site 2 Percent	Site 3 Percent	Site 4 Percent	Site 5 Percent	Barometer (mmHg)	RO (KCFS)	Power (KCFS)	Total Q (KCFS)
		Saturation	Saturation	Saturation	Saturation	Saturation	Saturation				
11/12/06	2:10	100.7	101.4	101.2	101.3	101.1	101.1	742.1	0.00	1.30	1.40
11/12/06	2:20	100.7	101.4	101.2	101.3	101.1	101.1	742.1	0.00	1.30	1.40
11/12/06	2:30	100.7	101.4	101.2	101.3	101.1	101.0	742.1	0.00	1.30	1.40
11/12/06	2:40	100.7	101.4	101.2	101.3	101.1	101.0	742.1	0.00	1.30	1.40
11/12/06	2:50	100.7	101.4	101.2	101.3	101.1	101.0	742.1	0.00	1.30	1.40
11/12/06	3:00	100.7	101.4	101.2	101.3	101.1	101.0	741.9	0.00	1.30	1.40
11/12/06	3:10	100.7	101.4	101.2	101.2	101.1	101.0	741.9	0.00	1.30	1.40
11/12/06	3:20	100.7	101.4	101.2	101.2	101.1	101.0	741.9	0.00	1.30	1.40
11/12/06	3:30	100.7	101.4	101.2	101.2	101.1	101.0	741.9	0.00	1.30	1.40
11/12/06	3:40	100.7	101.4	101.2	101.2	101.1	101.0	741.9	0.00	1.30	1.40
11/12/06	3:50	100.7	101.4	101.2	101.2	101.1	101.0	741.9	0.00	1.30	1.40
11/12/06	4:00	100.7	101.5	101.3	101.3	101.1	101.1	741.7	0.00	1.30	1.40
11/12/06	4:10	100.7	101.5	101.1	101.1	101.1	101.1	741.7	0.00	1.30	1.40
11/12/06	4:20	100.7	101.5	101.1	101.1	101.1	101.1	741.7	0.00	1.30	1.40
11/12/06	4:30	100.7	101.5	101.2	101.1	101.1	101.1	741.7	0.00	1.30	1.40
11/12/06	4:40	100.7	101.5	101.2	101.1	101.1	101.1	741.7	0.00	1.30	1.40
11/12/06	4:50	100.7	101.5	101.2	101.1	101.1	101.1	741.7	0.00	1.30	1.40
11/12/06	5:00	100.7	101.4	101.2	101.1	101.1	101.0	741.8	0.00	1.30	1.40
11/12/06	5:10	100.7	101.4	101.2	101.1	101.1	101.0	741.8	0.00	1.30	1.40
11/12/06	5:20	100.7	101.4	101.2	101.1	101.1	101.0	741.8	0.00	1.30	1.40
11/12/06	5:30	100.7	101.4	101.2	101.1	101.1	101.0	741.8	0.00	1.30	1.40
11/12/06	5:40	100.7	101.4	101.1	101.1	101.1	101.0	741.8	0.00	1.30	1.40
11/12/06	5:50	100.7	101.4	101.1	101.1	101.1	101.0	741.8	0.00	1.30	1.40
11/12/06	6:00	100.7	101.5	101.3	101.2	101.1	101.0	741.5	0.00	1.30	1.40
11/12/06	6:10	100.7	101.5	101.3	101.3	101.1	101.0	741.5	0.00	1.30	1.40
11/12/06	6:20	100.7	101.5	101.3	101.3	101.1	101.0	741.5	0.00	1.30	1.40
11/12/06	6:30	100.7	101.5	101.4	101.3	101.1	101.0	741.5	0.00	1.30	1.40
11/12/06	6:40	100.7	101.5	101.3	101.3	101.2	101.0	741.5	0.00	1.30	1.40

Table 2 (continued). Ten Minute Percent Saturation Data from the DWQI FMS station and all Five Experimental Sites; including RO flow, Power flow and Total flow data (Q) in 1000 Cubic Feet per Second (KCFS); with Barometric Pressure in mmHg, November 11, 2006 to November 17, 2006.

Date MMDDYY	Time HHMM	DWQI Percent	Site 1 Percent	Site 2 Percent	Site 3 Percent	Site 4 Percent	Site 5 Percent	Barometer (mmHg)	RO (KCFS)	Power (KCFS)	Total Q (KCFS)
		Saturation	Saturation	Saturation	Saturation	Saturation	Saturation				
11/12/06	6:50	100.7	101.5	101.3	101.3	101.2	101.1	741.5	0.00	1.30	1.40
11/12/06	7:00	100.7	101.5	101.3	101.3	101.2	101.1	741.7	0.00	1.30	1.40
11/12/06	7:10	100.7	101.5	101.3	101.3	101.2	101.1	741.7	0.00	1.30	1.40
11/12/06	7:20	100.7	101.5	101.3	101.3	101.2	101.1	741.7	0.00	1.30	1.40
11/12/06	7:30	100.7	101.5	101.3	101.3	101.1	101.1	741.7	0.00	1.30	1.40
11/12/06	7:40	100.7	101.5	101.4	101.4	101.1	101.1	741.7	0.00	1.30	1.40
11/12/06	7:50	100.7	101.5	101.3	101.3	101.1	101.1	741.7	0.00	1.30	1.40
11/12/06	8:00	100.7	101.4	101.3	101.3	101.1	101.1	741.9	0.00	1.30	1.40
11/12/06	8:10	100.7	101.4	101.3	101.3	101.1	101.2	741.9	0.00	1.30	1.40
11/12/06	8:20	100.7	101.4	101.2	101.2	101.1	101.2	741.9	0.00	1.30	1.40
11/12/06	8:30	100.7	101.4	101.2	101.2	101.1	101.2	741.9	0.00	1.30	1.40
11/12/06	8:40	100.7	101.4	101.2	101.2	101.1	101.2	741.9	0.00	1.30	1.40
11/12/06	8:50	100.7	101.4	101.2	101.2	101.1	101.2	741.9	0.00	1.30	1.40
11/12/06	9:00	100.7	101.5	101.2	101.2	101.1	101.2	741.7	0.00	1.40	1.50
11/12/06	9:10	100.7	101.5	101.3	101.3	101.1	101.3	741.7	0.00	1.40	1.50
11/12/06	9:20	100.7	101.5	101.4	101.4	101.1	101.3	741.7	0.00	1.40	1.50
11/12/06	9:30	100.7	101.5	101.4	101.3	101.2	101.3	741.7	0.00	1.40	1.50
11/12/06	9:40	100.7	101.5	101.4	101.3	101.2	101.3	741.7	0.00	1.40	1.50
11/12/06	9:50	100.7	101.5	101.4	101.3	101.3	101.3	741.7	0.00	1.40	1.50
11/12/06	10:00	101.0	101.5	101.4	101.4	101.4	101.4	741.3	0.00	1.30	1.40
11/12/06	10:10	101.0	101.5	101.4	101.4	101.4	101.4	741.3	0.00	1.30	1.40
11/12/06	10:20	101.0	101.5	101.4	101.4	101.4	101.5	741.3	0.00	1.30	1.40
11/12/06	10:30	101.0	101.5	101.4	101.3	101.4	101.5	741.3	0.00	1.30	1.40
11/12/06	10:40	101.0	101.5	101.4	101.3	101.4	101.5	741.3	0.00	1.30	1.40
11/12/06	10:50	101.0	101.5	101.4	101.3	101.4	101.5	741.3	0.00	1.30	1.40
11/12/06	11:00	101.6	101.7	101.6	101.5	101.5	101.7	740.2	0.00	1.30	1.40
11/12/06	11:10	101.6	101.7	101.6	101.5	101.5	101.7	740.2	0.00	1.30	1.40
11/12/06	11:20	101.6	101.7	101.6	101.5	101.5	101.7	740.2	0.00	1.30	1.40

Table 2 (continued). Ten Minute Percent Saturation Data from the DWQI FMS station and all Five Experimental Sites; including RO flow, Power flow and Total flow data (Q) in 1000 Cubic Feet per Second (KCFS); with Barometric Pressure in mmHg, November 11, 2006 to November 17, 2006.

Date MMDDYY	Time HHMM	DWQI Percent	Site 1 Percent	Site 2 Percent	Site 3 Percent	Site 4 Percent	Site 5 Percent	Barometer (mmHg)	RO (KCFS)	Power (KCFS)	Total Q (KCFS)
		Saturation	Saturation	Saturation	Saturation	Saturation	Saturation				
11/12/06	11:30	101.6	101.7	101.7	101.5	101.5	101.7	740.2	0.00	1.30	1.40
11/12/06	11:40	101.6	101.7	101.7	101.5	101.5	101.7	740.2	0.00	1.30	1.40
11/12/06	11:50	101.6	101.7	101.7	101.5	101.5	101.7	740.2	0.00	1.30	1.40
11/12/06	12:00	102.0	101.8	101.8	101.7	101.7	101.8	739.1	0.00	1.30	1.40
11/12/06	12:10	102.0	101.8	101.8	101.7	101.7	101.8	739.1	0.00	1.30	1.40
11/12/06	12:20	102.0	101.8	101.7	101.6	101.7	101.8	739.1	0.00	1.30	1.40
11/12/06	12:30	102.0	101.8	101.7	101.6	101.7	101.9	739.1	0.00	1.30	1.40
11/12/06	12:40	102.0	101.8	101.7	101.7	101.7	101.9	739.1	0.00	1.30	1.40
11/12/06	12:50	102.0	101.8	101.7	101.6	101.7	101.9	739.1	0.00	1.30	1.40
11/12/06	13:00	102.3	101.9	101.9	101.7	101.8	102.1	738.2	0.00	1.30	1.40
11/12/06	13:10	102.3	101.9	101.9	101.8	101.8	102.1	738.2	0.00	1.30	1.40
11/12/06	13:20	102.3	101.9	101.9	101.8	101.8	102.0	738.2	0.00	1.30	1.40
11/12/06	13:30	102.3	101.9	101.9	101.7	101.8	102.0	738.2	0.00	1.30	1.40
11/12/06	13:40	102.3	101.9	101.9	101.7	101.8	102.0	738.2	0.00	1.30	1.40
11/12/06	13:50	102.3	101.9	101.9	101.7	101.8	102.0	738.2	0.00	1.30	1.40
11/12/06	14:00	102.4	102.0	101.5	101.3	101.9	102.1	737.6	0.00	1.30	1.40
11/12/06	14:10	102.4	102.0	101.0	101.1	101.8	102.1	737.6	0.00	1.30	1.40
11/12/06	14:20	102.4	102.0	100.7	100.9	101.7	102.1	737.6	0.00	1.30	1.40
11/12/06	14:30	102.4	102.0	100.6	100.7	101.5	102.1	737.6	0.00	1.30	1.40
11/12/06	14:40	102.4	102.0	100.5	100.5	101.3	102.0	737.6	0.00	1.30	1.40
11/12/06	14:50	102.4	102.0	100.4	100.5	101.2	101.7	737.6	0.00	1.30	1.40
11/12/06	15:00	102.5	102.1	100.4	100.5	101.0	101.6	736.8	0.00	1.40	1.50
11/12/06	15:10	102.5	102.1	100.4	100.4	100.8	101.3	736.8	0.00	1.40	1.50
11/12/06	15:20	102.5	102.1	100.3	100.4	100.8	101.2	736.8	0.00	1.40	1.50
11/12/06	15:30	102.5	102.1	100.3	100.4	100.7	100.9	736.8	0.00	1.40	1.50
11/12/06	15:40	102.5	102.1	100.3	100.3	100.6	100.8	736.8	0.00	1.40	1.50
11/12/06	15:50	102.5	102.1	100.2	100.3	100.6	100.7	736.8	0.00	1.40	1.50
11/12/06	16:00	102.4	102.2	100.2	100.4	100.6	100.7	736.2	0.00	1.40	1.50

Table 2 (continued). Ten Minute Percent Saturation Data from the DWQI FMS station and all Five Experimental Sites; including RO flow, Power flow and Total flow data (Q) in 1000 Cubic Feet per Second (KCFS); with Barometric Pressure in mmHg, November 11, 2006 to November 17, 2006.

Date MMDDYY	Time HHMM	DWQI Percent	Site 1 Percent	Site 2 Percent	Site 3 Percent	Site 4 Percent	Site 5 Percent	Barometer (mmHg)	RO (KCFS)	Power (KCFS)	Total Q (KCFS)
		Saturation	Saturation	Saturation	Saturation	Saturation	Saturation				
11/12/06	16:10	102.4	102.2	100.3	100.4	100.5	100.5	736.2	0.00	1.40	1.50
11/12/06	16:20	102.4	102.2	100.2	100.3	100.4	100.4	736.2	0.00	1.40	1.50
11/12/06	16:30	102.4	102.2	100.2	100.3	100.4	100.4	736.2	0.00	1.40	1.50
11/12/06	16:40	102.4	102.2	100.1	100.2	100.4	100.3	736.2	0.00	1.40	1.50
11/12/06	16:50	102.4	102.2	100.1	100.2	100.4	100.2	736.2	0.00	1.40	1.50
11/12/06	17:00	102.1	102.4	100.2	100.3	100.4	100.4	735.2	0.00	1.40	1.50
11/12/06	17:10	102.1	102.4	100.2	100.3	100.4	100.3	735.2	0.00	1.40	1.50
11/12/06	17:20	102.1	102.4	100.2	100.3	100.4	100.2	735.2	0.00	1.40	1.50
11/12/06	17:30	102.1	102.4	100.2	100.3	100.3	100.2	735.2	0.00	1.40	1.50
11/12/06	17:40	102.1	102.4	100.3	100.3	100.3	100.2	735.2	0.00	1.40	1.50
11/12/06	17:50	102.1	102.4	100.3	100.3	100.4	100.1	735.2	0.00	1.40	1.50
11/12/06	18:00	101.5	102.4	100.4	100.4	100.4	100.2	734.8	0.00	1.40	1.50
11/12/06	18:10	101.5	102.4	100.4	100.4	100.4	100.2	734.8	0.00	1.40	1.50
11/12/06	18:20	101.5	102.4	100.4	100.4	100.4	100.2	734.8	0.00	1.40	1.50
11/12/06	18:30	101.5	102.4	100.4	100.4	100.4	100.2	734.8	0.00	1.40	1.50
11/12/06	18:40	101.5	102.4	100.4	100.4	100.4	100.2	734.8	0.00	1.40	1.50
11/12/06	18:50	101.5	102.4	100.4	100.4	100.4	100.2	734.8	0.00	1.40	1.50
11/12/06	19:00	101.3	102.6	100.6	100.6	100.6	100.4	733.4	0.00	1.40	1.50
11/12/06	19:10	101.3	102.6	100.6	100.6	100.6	100.4	733.4	0.00	1.40	1.50
11/12/06	19:20	101.3	102.6	100.6	100.6	100.6	100.4	733.4	0.00	1.40	1.50
11/12/06	19:30	101.3	102.6	100.6	100.6	100.6	100.4	733.4	0.00	1.40	1.50
11/12/06	19:40	101.3	102.6	100.6	100.6	100.6	100.4	733.4	0.00	1.40	1.50
11/12/06	19:50	101.3	102.6	100.6	100.6	100.6	100.4	733.4	0.00	1.40	1.50
11/12/06	20:00	101.1	102.8	100.8	100.8	100.8	100.6	731.8	0.00	1.40	1.50
11/12/06	20:10	101.1	102.8	100.8	100.9	100.8	100.6	731.8	0.00	1.40	1.50
11/12/06	20:20	101.1	102.8	100.8	100.8	100.8	100.6	731.8	0.00	1.40	1.50
11/12/06	20:30	101.1	102.8	100.8	100.8	100.8	100.7	731.8	0.00	1.40	1.50
11/12/06	20:40	101.1	102.8	100.8	100.8	100.8	100.6	731.8	0.00	1.40	1.50

Table 2 (continued). Ten Minute Percent Saturation Data from the DWQI FMS station and all Five Experimental Sites; including RO flow, Power flow and Total flow data (Q) in 1000 Cubic Feet per Second (KCFS); with Barometric Pressure in mmHg, November 11, 2006 to November 17, 2006.

Date MMDDYY	Time HHMM	DWQI Percent	Site 1 Percent	Site 2 Percent	Site 3 Percent	Site 4 Percent	Site 5 Percent	Barometer (mmHg)	RO (KCFS)	Power (KCFS)	Total Q (KCFS)
		Saturation	Saturation	Saturation	Saturation	Saturation	Saturation				
11/12/06	20:50	101.1	102.8	100.8	100.8	100.8	100.7	731.8	0.00	1.40	1.50
11/12/06	21:00	101.1	103.0	100.9	101.0	101.0	100.9	730.7	0.00	1.40	1.50
11/12/06	21:10	101.1	103.0	100.9	101.0	100.9	100.8	730.7	0.00	1.40	1.50
11/12/06	21:20	101.1	103.0	100.9	101.0	100.9	100.8	730.7	0.00	1.40	1.50
11/12/06	21:30	101.1	103.0	100.9	101.0	100.9	100.8	730.7	0.00	1.40	1.50
11/12/06	21:40	101.1	103.0	100.9	101.0	100.9	100.8	730.7	0.00	1.40	1.50
11/12/06	21:50	101.1	103.0	100.9	101.0	100.9	100.8	730.7	0.00	1.40	1.50
11/12/06	22:00	101.3	103.3	101.2	101.3	101.2	101.0	728.6	0.00	1.40	1.50
11/12/06	22:10	101.3	103.3	101.2	101.3	101.2	101.0	728.6	0.00	1.40	1.50
11/12/06	22:20	101.3	103.3	101.2	101.3	101.2	101.0	728.6	0.00	1.40	1.50
11/12/06	22:30	101.3	103.3	101.2	101.3	101.2	101.0	728.6	0.00	1.40	1.50
11/12/06	22:40	101.3	103.3	101.2	101.3	101.2	101.0	728.6	0.00	1.40	1.50
11/12/06	22:50	101.3	103.3	101.3	101.4	101.2	101.0	728.6	0.00	1.40	1.50
11/12/06	23:00	101.4	103.5	101.5	101.7	101.5	101.3	726.9	0.00	1.40	1.50
11/12/06	23:10	101.4	103.5	101.5	101.7	101.5	101.3	726.9	0.00	1.40	1.50
11/12/06	23:20	101.4	103.5	101.6	101.7	101.5	101.3	726.9	0.00	1.40	1.50
11/12/06	23:30	101.4	103.5	101.5	101.5	101.5	101.3	726.9	0.00	1.40	1.50
11/12/06	23:40	101.4	103.5	101.5	101.5	101.5	101.3	726.9	0.00	1.40	1.50
11/12/06	23:50	101.4	103.5	101.5	101.5	101.5	101.3	726.9	0.00	1.40	1.50
11/13/06	0:00	101.4	103.7	101.5	101.7	101.6	101.5	725.9	0.10	1.40	1.50
11/13/06	0:10	101.4	103.7	101.5	101.5	101.6	101.5	725.9	0.10	1.40	1.50
11/13/06	0:20	101.4	103.7	101.5	101.5	101.6	101.4	725.9	0.10	1.40	1.50
11/13/06	0:30	101.4	103.7	101.5	101.6	101.5	101.4	725.9	0.10	1.40	1.50
11/13/06	0:40	101.4	103.7	101.5	101.6	101.5	101.4	725.9	0.10	1.40	1.50
11/13/06	0:50	101.4	103.7	101.5	101.6	101.5	101.4	725.9	0.10	1.40	1.50
11/13/06	1:00	101.5	103.8	101.6	101.6	101.6	101.5	725.1	0.00	1.40	1.60
11/13/06	1:10	101.5	103.8	101.6	101.6	101.6	101.5	725.1	0.00	1.40	1.60
11/13/06	1:20	101.5	103.8	101.6	101.6	101.6	101.5	725.1	0.00	1.40	1.60

Table 2 (continued). Ten Minute Percent Saturation Data from the DWQI FMS station and all Five Experimental Sites; including RO flow, Power flow and Total flow data (Q) in 1000 Cubic Feet per Second (KCFS); with Barometric Pressure in mmHg, November 11, 2006 to November 17, 2006.

Date MMDDYY	Time HHMM	DWQI Percent	Site 1 Percent	Site 2 Percent	Site 3 Percent	Site 4 Percent	Site 5 Percent	Barometer (mmHg)	RO (KCFS)	Power (KCFS)	Total Q (KCFS)
		Saturation	Saturation	Saturation	Saturation	Saturation	Saturation				
11/13/06	1:30	101.5	103.8	101.6	101.6	101.6	101.4	725.1	0.00	1.40	1.60
11/13/06	1:40	101.5	103.8	101.5	101.6	101.6	101.4	725.1	0.00	1.40	1.60
11/13/06	1:50	101.5	103.8	101.5	101.6	101.6	101.4	725.1	0.00	1.40	1.60
11/13/06	2:00	101.5	103.9	101.6	101.7	101.7	101.5	724.1	0.00	1.40	1.50
11/13/06	2:10	101.5	103.9	101.6	101.6	101.7	101.5	724.1	0.00	1.40	1.50
11/13/06	2:20	101.5	103.9	101.6	101.6	101.6	101.5	724.1	0.00	1.40	1.50
11/13/06	2:30	101.5	103.9	101.6	101.7	101.6	101.5	724.1	0.00	1.40	1.50
11/13/06	2:40	101.5	103.9	101.6	101.6	101.6	101.5	724.1	0.00	1.40	1.50
11/13/06	2:50	101.5	103.9	101.6	101.7	101.6	101.5	724.1	0.00	1.40	1.50
11/13/06	3:00	101.6	104.0	101.7	101.8	101.7	101.6	723.5	0.00	1.40	1.50
11/13/06	3:10	101.6	104.0	101.7	101.8	101.7	101.6	723.5	0.00	1.40	1.50
11/13/06	3:20	101.6	104.0	101.7	101.8	101.7	101.6	723.5	0.00	1.40	1.50
11/13/06	3:30	101.6	104.0	101.7	101.8	101.7	101.6	723.5	0.00	1.40	1.50
11/13/06	3:40	101.6	104.0	101.7	101.8	101.7	101.5	723.5	0.00	1.40	1.50
11/13/06	3:50	101.6	104.0	101.7	101.8	101.7	101.6	723.5	0.00	1.40	1.50
11/13/06	4:00	101.4	104.0	101.7	101.7	101.6	101.5	723.9	0.00	1.40	1.50
11/13/06	4:10	101.4	104.0	101.7	101.8	101.6	101.5	723.9	0.00	1.40	1.50
11/13/06	4:20	101.4	104.0	101.7	101.7	101.6	101.5	723.9	0.00	1.40	1.50
11/13/06	4:30	101.4	104.0	101.9	101.7	101.6	101.5	723.9	0.00	1.40	1.50
11/13/06	4:40	101.4	104.0	106.4	101.7	101.6	101.5	723.9	0.00	1.40	1.50
11/13/06	4:50	101.4	104.0	110.3	101.7	101.6	101.5	723.9	0.00	1.40	1.50
11/13/06	5:00	101.4	104.0	112.9	101.8	102.9	101.5	723.7	1.00	0.40	1.50
11/13/06	5:10	101.4	104.0	114.1	101.8	106.9	101.5	723.7	1.00	0.40	1.50
11/13/06	5:20	101.4	104.0	114.8	101.9	110.1	101.6	723.7	1.00	0.40	1.50
11/13/06	5:30	101.4	104.0	115.1	102.0	112.0	102.3	723.7	1.00	0.40	1.50
11/13/06	5:40	101.4	104.0	114.9	102.7	113.1	103.8	723.7	1.00	0.40	1.50
11/13/06	5:50	101.4	104.0	114.6	103.8	113.8	105.6	723.7	1.00	0.40	1.50
11/13/06	6:00	101.3	103.8	114.2	104.4	113.7	107.1	724.9	1.00	0.00	1.10

Table 2 (continued). Ten Minute Percent Saturation Data from the DWQI FMS station and all Five Experimental Sites; including RO flow, Power flow and Total flow data (Q) in 1000 Cubic Feet per Second (KCFS); with Barometric Pressure in mmHg, November 11, 2006 to November 17, 2006.

Date MMDDYY	Time HHMM	DWQI Percent	Site 1 Percent	Site 2 Percent	Site 3 Percent	Site 4 Percent	Site 5 Percent	Barometer (mmHg)	RO (KCFS)	Power (KCFS)	Total Q (KCFS)
		Saturation	Saturation	Saturation	Saturation	Saturation	Saturation				
11/13/06	6:10	101.3	103.8	114.0	104.8	113.6	108.6	724.9	1.00	0.00	1.10
11/13/06	6:20	101.3	103.8	113.9	105.3	113.5	109.9	724.9	1.00	0.00	1.10
11/13/06	6:30	101.3	103.8	113.9	105.6	113.3	110.7	724.9	1.00	0.00	1.10
11/13/06	6:40	101.3	103.8	113.9	106.1	113.1	111.3	724.9	1.00	0.00	1.10
11/13/06	6:50	101.3	103.8	113.9	106.4	113.1	111.7	724.9	1.00	0.00	1.10
11/13/06	7:00	100.9	103.6	113.7	106.4	112.9	111.8	726.4	0.90	0.00	1.00
11/13/06	7:10	100.9	103.6	113.7	106.5	112.9	111.9	726.4	0.90	0.00	1.00
11/13/06	7:20	100.9	103.6	113.7	106.6	113.0	112.1	726.4	0.90	0.00	1.00
11/13/06	7:30	100.9	103.6	113.8	106.8	113.0	112.1	726.4	0.90	0.00	1.00
11/13/06	7:40	100.9	103.6	113.8	107.0	113.1	112.3	726.4	0.90	0.00	1.00
11/13/06	7:50	100.9	103.6	113.8	107.1	113.2	112.3	726.4	0.90	0.00	1.00
11/13/06	8:00	101.1	103.4	113.6	106.7	113.1	112.1	727.9	0.90	0.00	1.00
11/13/06	8:10	101.1	103.4	113.8	106.8	113.0	112.2	727.9	0.90	0.00	1.00
11/13/06	8:20	101.1	103.4	113.8	106.9	113.1	112.3	727.9	0.90	0.00	1.00
11/13/06	8:30	101.1	103.4	113.8	107.0	113.1	112.4	727.9	0.90	0.00	1.00
11/13/06	8:40	101.1	103.4	113.9	107.2	113.1	112.5	727.9	0.90	0.00	1.00
11/13/06	8:50	101.1	103.4	113.9	107.4	113.3	112.5	727.9	0.90	0.00	1.00
11/13/06	9:00	104.7	103.3	113.8	107.4	113.2	112.5	728.6	0.90	0.00	1.00
11/13/06	9:10	104.7	103.3	113.8	107.5	113.3	112.5	728.6	0.90	0.00	1.00
11/13/06	9:20	104.7	103.3	113.8	107.6	113.3	112.5	728.6	0.90	0.00	1.00
11/13/06	9:30	104.7	103.3	113.9	108.0	113.2	112.7	728.6	0.90	0.00	1.00
11/13/06	9:40	104.7	103.3	113.9	108.5	113.2	112.8	728.6	0.90	0.00	1.00
11/13/06	9:50	104.7	103.3	113.8	108.8	113.4	112.8	728.6	0.90	0.00	1.00
11/13/06	10:00	106.0	103.2	113.8	108.8	113.3	112.8	729.4	0.90	0.00	1.00
11/13/06	10:10	106.0	103.2	113.8	108.9	113.2	112.8	729.4	0.90	0.00	1.00
11/13/06	10:20	106.0	103.2	113.8	108.9	113.3	112.8	729.4	0.90	0.00	1.00
11/13/06	10:30	106.0	103.2	113.9	109.1	113.3	112.9	729.4	0.90	0.00	1.00
11/13/06	10:40	106.0	103.2	113.8	109.2	113.3	112.9	729.4	0.90	0.00	1.00

Table 2 (continued). Ten Minute Percent Saturation Data from the DWQI FMS station and all Five Experimental Sites; including RO flow, Power flow and Total flow data (Q) in 1000 Cubic Feet per Second (KCFS); with Barometric Pressure in mmHg, November 11, 2006 to November 17, 2006.

Date MMDDYY	Time HHMM	DWQI Percent	Site 1 Percent	Site 2 Percent	Site 3 Percent	Site 4 Percent	Site 5 Percent	Barometer (mmHg)	RO (KCFS)	Power (KCFS)	Total Q (KCFS)
		Saturation	Saturation	Saturation	Saturation	Saturation	Saturation				
11/13/06	10:50	106.0	103.2	113.9	109.3	113.3	113.0	729.4	0.90	0.00	1.00
11/13/06	11:00	107.7	103.1	113.9	109.3	113.3	112.9	729.6	0.90	0.00	1.00
11/13/06	11:10	107.7	103.1	113.9	109.4	113.3	112.9	729.6	0.90	0.00	1.00
11/13/06	11:20	107.7	103.1	113.8	109.6	113.3	113.0	729.6	0.90	0.00	1.00
11/13/06	11:30	107.7	103.1	113.8	109.9	113.4	113.0	729.6	0.90	0.00	1.00
11/13/06	11:40	107.7	103.1	113.8	109.9	113.4	113.0	729.6	0.90	0.00	1.00
11/13/06	11:50	107.7	103.1	113.8	109.9	113.5	113.1	729.6	0.90	0.00	1.00
11/13/06	12:00	109.3	103.2	114.0	110.1	113.5	113.1	729.2	0.90	0.00	1.00
11/13/06	12:10	109.3	103.2	113.8	110.1	113.5	113.2	729.2	0.90	0.00	1.00
11/13/06	12:20	109.3	103.2	113.9	110.0	113.5	113.2	729.2	0.90	0.00	1.00
11/13/06	12:30	109.3	103.2	113.8	110.0	113.5	113.2	729.2	0.90	0.00	1.00
11/13/06	12:40	109.3	103.2	113.8	110.1	113.4	113.3	729.2	0.90	0.00	1.00
11/13/06	12:50	109.3	103.2	113.8	110.1	113.4	113.3	729.2	0.90	0.00	1.00
11/13/06	13:00	110.2	103.2	113.9	110.2	113.5	113.3	728.9	0.90	0.00	1.00
11/13/06	13:10	110.2	103.2	113.9	110.4	113.5	113.3	728.9	0.90	0.00	1.00
11/13/06	13:20	110.2	103.2	113.9	110.4	113.5	113.3	728.9	0.90	0.00	1.00
11/13/06	13:30	110.2	103.2	113.9	110.5	113.5	113.3	728.9	0.90	0.00	1.00
11/13/06	13:40	110.2	103.2	113.9	110.4	113.5	113.3	728.9	0.90	0.00	1.00
11/13/06	13:50	110.2	103.2	113.8	110.4	113.3	113.3	728.9	0.90	0.00	1.00
11/13/06	14:00	111.1	103.3	113.8	110.6	113.5	113.3	728.5	0.90	0.00	1.00
11/13/06	14:10	111.1	103.3	113.8	110.5	113.4	113.3	728.5	0.90	0.00	1.00
11/13/06	14:20	111.1	103.3	113.8	110.5	113.4	113.3	728.5	0.90	0.00	1.00
11/13/06	14:30	111.1	103.3	113.8	110.4	113.4	113.2	728.5	0.90	0.00	1.00
11/13/06	14:40	111.1	103.3	113.7	110.4	113.2	113.2	728.5	0.90	0.00	1.00
11/13/06	14:50	111.1	103.3	113.7	110.4	113.2	113.2	728.5	0.90	0.00	1.00
11/13/06	15:00	111.8	103.4	113.8	110.5	113.3	113.3	727.9	0.90	0.00	1.00
11/13/06	15:10	111.8	103.4	113.8	110.5	113.3	113.3	727.9	0.90	0.00	1.00
11/13/06	15:20	111.8	103.4	113.8	110.5	113.3	113.1	727.9	0.90	0.00	1.00

Table 2 (continued). Ten Minute Percent Saturation Data from the DWQI FMS station and all Five Experimental Sites; including RO flow, Power flow and Total flow data (Q) in 1000 Cubic Feet per Second (KCFS); with Barometric Pressure in mmHg, November 11, 2006 to November 17, 2006.

Date MMDDYY	Time HHMM	DWQI Percent	Site 1 Percent	Site 2 Percent	Site 3 Percent	Site 4 Percent	Site 5 Percent	Barometer (mmHg)	RO (KCFS)	Power (KCFS)	Total Q (KCFS)
		Saturation	Saturation	Saturation	Saturation	Saturation	Saturation				
11/13/06	15:30	111.8	103.4	113.8	110.5	113.3	113.1	727.9	0.90	0.00	1.00
11/13/06	15:40	111.8	103.4	113.8	110.5	113.3	113.1	727.9	0.90	0.00	1.00
11/13/06	15:50	111.8	103.4	113.7	110.5	113.1	113.0	727.9	0.90	0.00	1.00
11/13/06	16:00	112.2	103.5	113.8	110.6	113.3	113.1	727.1	0.90	0.00	1.00
11/13/06	16:10	112.2	103.5	113.8	110.6	113.3	113.1	727.1	0.90	0.00	1.00
11/13/06	16:20	112.2	103.5	113.8	110.6	113.3	113.1	727.1	0.90	0.00	1.00
11/13/06	16:30	112.2	103.5	113.8	110.5	113.3	113.1	727.1	0.90	0.00	1.00
11/13/06	16:40	112.2	103.5	113.7	110.4	113.3	113.0	727.1	0.90	0.00	1.00
11/13/06	16:50	112.2	103.5	113.7	110.2	113.1	113.0	727.1	0.90	0.00	1.00
11/13/06	17:00	112.0	103.6	113.8	110.0	113.1	113.1	726.6	0.90	0.00	1.00
11/13/06	17:10	112.0	103.6	113.8	109.9	113.1	113.1	726.6	0.90	0.00	1.00
11/13/06	17:20	112.0	103.6	113.8	109.7	113.0	113.1	726.6	0.90	0.00	1.00
11/13/06	17:30	112.0	103.6	113.8	109.6	112.9	112.9	726.6	0.90	0.00	1.00
11/13/06	17:40	112.0	103.6	113.7	109.8	112.9	112.9	726.6	0.90	0.00	1.00
11/13/06	17:50	112.0	103.6	113.9	109.8	112.8	112.9	726.6	0.90	0.00	1.00
11/13/06	18:00	111.9	103.5	113.8	109.7	112.8	112.8	726.8	0.90	0.00	1.00
11/13/06	18:10	111.9	103.5	113.8	109.8	113.0	112.7	726.8	0.90	0.00	1.00
11/13/06	18:20	111.9	103.5	113.8	109.8	113.0	112.6	726.8	0.90	0.00	1.00
11/13/06	18:30	111.9	103.5	113.8	109.9	113.0	112.5	726.8	0.90	0.00	1.00
11/13/06	18:40	111.9	103.5	113.8	110.0	112.9	112.5	726.8	0.90	0.00	1.00
11/13/06	18:50	111.9	103.5	113.8	110.3	112.8	112.6	726.8	0.90	0.00	1.00
11/13/06	19:00	112.0	103.7	113.8	110.6	113.0	112.7	726.0	0.90	0.00	1.00
11/13/06	19:10	112.0	103.7	113.8	110.7	113.2	112.7	726.0	0.90	0.00	1.00
11/13/06	19:20	112.0	103.7	113.8	110.8	113.2	112.7	726.0	0.90	0.00	1.00
11/13/06	19:30	112.0	103.7	113.8	110.8	113.2	112.6	726.0	0.90	0.00	1.00
11/13/06	19:40	112.0	103.7	113.9	110.8	113.2	112.7	726.0	0.90	0.00	1.00
11/13/06	19:50	112.0	103.7	113.8	110.8	113.2	112.7	726.0	0.90	0.00	1.00
11/13/06	20:00	112.0	103.6	113.8	110.9	113.1	112.7	726.2	0.90	0.00	1.00

Table 2 (continued). Ten Minute Percent Saturation Data from the DWQI FMS station and all Five Experimental Sites; including RO flow, Power flow and Total flow data (Q) in 1000 Cubic Feet per Second (KCFS); with Barometric Pressure in mmHg, November 11, 2006 to November 17, 2006.

Date MMDDYY	Time HHMM	DWQI Percent	Site 1 Percent	Site 2 Percent	Site 3 Percent	Site 4 Percent	Site 5 Percent	Barometer (mmHg)	RO (KCFS)	Power (KCFS)	Total Q (KCFS)
Saturation	Saturation	Saturation	Saturation	Saturation	Saturation	Saturation	Saturation				
11/13/06	20:10	112.0	103.6	113.7	110.9	113.1	112.7	726.2	0.90	0.00	1.00
11/13/06	20:20	112.0	103.6	113.7	110.8	113.0	112.7	726.2	0.90	0.00	1.00
11/13/06	20:30	112.0	103.6	113.7	110.8	113.0	112.7	726.2	0.90	0.00	1.00
11/13/06	20:40	112.0	103.6	113.8	110.8	113.0	112.7	726.2	0.90	0.00	1.00
11/13/06	20:50	112.0	103.6	113.7	110.9	113.0	112.7	726.2	0.90	0.00	1.00
11/13/06	21:00	111.6	103.6	113.8	110.9	113.0	112.7	726.5	0.90	0.00	1.00
11/13/06	21:10	111.6	103.6	113.8	110.9	113.1	112.7	726.5	0.90	0.00	1.00
11/13/06	21:20	111.6	103.6	113.7	110.9	113.1	112.7	726.5	0.90	0.00	1.00
11/13/06	21:30	111.6	103.6	113.7	110.9	113.0	112.7	726.5	0.90	0.00	1.00
11/13/06	21:40	111.6	103.6	113.8	110.9	113.0	112.7	726.5	0.90	0.00	1.00
11/13/06	21:50	111.6	103.6	113.8	110.9	112.9	112.7	726.5	0.90	0.00	1.00
11/13/06	22:00	111.4	103.5	113.7	110.8	112.9	112.6	726.8	0.90	0.00	1.00
11/13/06	22:10	111.4	103.5	113.7	110.9	112.9	112.6	726.8	0.90	0.00	1.00
11/13/06	22:20	111.4	103.5	113.7	110.8	112.9	112.6	726.8	0.90	0.00	1.00
11/13/06	22:30	111.4	103.5	113.7	110.8	112.9	112.6	726.8	0.90	0.00	1.00
11/13/06	22:40	111.4	103.5	113.7	110.8	112.9	112.6	726.8	0.90	0.00	1.00
11/13/06	22:50	111.4	103.5	113.7	110.8	112.9	112.5	726.8	0.90	0.00	1.00
11/13/06	23:00	111.4	103.5	113.7	110.7	112.8	112.5	727.4	0.90	0.00	1.00
11/13/06	23:10	111.4	103.5	113.6	110.7	112.8	112.5	727.4	0.90	0.00	1.00
11/13/06	23:20	111.4	103.5	113.6	110.7	112.8	112.4	727.4	0.90	0.00	1.00
11/13/06	23:30	111.4	103.5	113.6	110.7	112.8	112.4	727.4	0.90	0.00	1.00
11/13/06	23:40	111.4	103.5	113.7	110.7	112.8	112.4	727.4	0.90	0.00	1.00
11/13/06	23:50	111.4	103.5	113.7	110.7	112.9	112.4	727.4	0.90	0.00	1.00
11/14/06	0:00	111.2	103.3	113.5	110.6	112.6	112.2	728.4	0.90	0.00	1.00
11/14/06	0:10	111.2	103.3	113.6	110.6	112.8	112.2	728.4	0.90	0.00	1.00
11/14/06	0:20	111.2	103.3	113.6	110.6	112.7	112.2	728.4	0.90	0.00	1.00
11/14/06	0:30	111.2	103.3	113.6	110.7	112.8	112.2	728.4	0.90	0.00	1.00
11/14/06	0:40	111.2	103.3	113.7	110.7	112.6	112.3	728.4	0.90	0.00	1.00

Table 2 (continued). Ten Minute Percent Saturation Data from the DWQI FMS station and all Five Experimental Sites; including RO flow, Power flow and Total flow data (Q) in 1000 Cubic Feet per Second (KCFS); with Barometric Pressure in mmHg, November 11, 2006 to November 17, 2006.

Date MMDDYY	Time HHMM	DWQI Percent	Site 1 Percent	Site 2 Percent	Site 3 Percent	Site 4 Percent	Site 5 Percent	Barometer (mmHg)	RO (KCFS)	Power (KCFS)	Total Q (KCFS)
		Saturation	Saturation	Saturation	Saturation	Saturation	Saturation				
11/14/06	0:50	111.2	103.3	113.7	110.7	112.8	112.3	728.4	0.90	0.00	1.00
11/14/06	1:00	110.9	103.1	113.6	110.5	112.6	112.2	729.6	0.90	0.00	1.00
11/14/06	1:10	110.9	103.1	113.6	110.5	112.7	112.2	729.6	0.90	0.00	1.00
11/14/06	1:20	110.9	103.1	113.6	110.3	112.6	112.2	729.6	0.90	0.00	1.00
11/14/06	1:30	110.9	103.1	113.6	110.3	112.7	112.2	729.6	0.90	0.00	1.00
11/14/06	1:40	110.9	103.1	113.6	110.5	112.7	112.2	729.6	0.90	0.00	1.00
11/14/06	1:50	110.9	103.1	113.7	110.7	112.7	112.2	729.6	0.90	0.00	1.00
11/14/06	2:00	110.6	102.9	113.4	110.4	112.6	111.9	731.2	0.90	0.00	1.00
11/14/06	2:10	110.6	102.9	113.4	110.6	112.6	112.0	731.2	0.90	0.00	1.00
11/14/06	2:20	110.6	102.9	113.4	110.6	112.6	112.0	731.2	0.90	0.00	1.00
11/14/06	2:30	110.6	102.9	113.4	110.5	112.6	112.1	731.2	0.90	0.00	1.00
11/14/06	2:40	110.6	102.9	113.5	110.5	112.6	112.1	731.2	0.90	0.00	1.00
11/14/06	2:50	110.6	102.9	113.6	110.5	112.6	112.1	731.2	0.90	0.00	1.00
11/14/06	3:00	110.4	102.7	113.4	110.2	112.4	111.9	732.8	0.90	0.00	1.00
11/14/06	3:10	110.4	102.7	113.4	110.2	112.5	111.9	732.8	0.90	0.00	1.00
11/14/06	3:20	110.4	102.7	113.5	110.3	112.4	111.9	732.8	0.90	0.00	1.00
11/14/06	3:30	110.4	102.7	113.5	110.3	112.4	112.0	732.8	0.90	0.00	1.00
11/14/06	3:40	110.4	102.7	113.6	110.5	112.5	112.0	732.8	0.90	0.00	1.00
11/14/06	3:50	110.4	102.7	113.6	110.5	112.5	112.0	732.8	0.90	0.00	1.00
11/14/06	4:00	110.0	102.4	113.3	110.3	112.3	111.7	734.8	0.90	0.00	1.00
11/14/06	4:10	110.0	102.4	113.4	110.3	112.3	111.7	734.8	0.90	0.00	1.00
11/14/06	4:20	110.0	102.4	113.4	110.2	112.5	111.7	734.8	0.90	0.00	1.00
11/14/06	4:30	110.0	102.4	113.4	110.3	112.5	111.8	734.8	0.90	0.00	1.00
11/14/06	4:40	110.0	102.4	113.5	110.3	112.5	111.8	734.8	0.90	0.00	1.00
11/14/06	4:50	110.0	102.4	113.5	110.2	112.6	111.9	734.8	0.90	0.00	1.00
11/14/06	5:00	109.7	102.2	113.3	109.8	112.3	111.7	736.6	0.90	0.00	1.00
11/14/06	5:10	109.7	102.2	113.3	110.0	112.3	111.7	736.6	0.90	0.00	1.00
11/14/06	5:20	109.7	102.2	113.4	110.1	112.3	111.7	736.6	0.90	0.00	1.00

Table 2 (continued). Ten Minute Percent Saturation Data from the DWQI FMS station and all Five Experimental Sites; including RO flow, Power flow and Total flow data (Q) in 1000 Cubic Feet per Second (KCFS); with Barometric Pressure in mmHg, November 11, 2006 to November 17, 2006.

Date MMDDYY	Time HHMM	DWQI Percent	Site 1 Percent	Site 2 Percent	Site 3 Percent	Site 4 Percent	Site 5 Percent	Barometer (mmHg)	RO (KCFS)	Power (KCFS)	Total Q (KCFS)
		Saturation	Saturation	Saturation	Saturation	Saturation	Saturation				
11/14/06	5:30	109.7	102.2	113.4	110.2	112.4	111.7	736.6	0.90	0.00	1.00
11/14/06	5:40	109.7	102.2	113.4	110.2	112.4	111.8	736.6	0.90	0.00	1.00
11/14/06	5:50	109.7	102.2	113.4	110.2	112.5	111.9	736.6	0.90	0.00	1.00
11/14/06	6:00	109.5	101.9	113.1	110.0	112.2	111.6	738.5	0.90	0.00	1.00
11/14/06	6:10	109.5	101.9	113.2	110.0	112.3	111.6	738.5	0.90	0.00	1.00
11/14/06	6:20	109.5	101.9	113.3	110.0	112.3	111.6	738.5	0.90	0.00	1.00
11/14/06	6:30	109.5	101.9	113.1	109.2	112.3	111.6	738.5	0.90	0.00	1.00
11/14/06	6:40	109.5	101.9	108.8	106.8	112.3	111.7	738.5	0.90	0.00	1.00
11/14/06	6:50	109.5	101.9	105.6	105.8	111.8	111.8	738.5	0.90	0.00	1.00
11/14/06	7:00	109.3	101.7	104.0	105.0	109.0	111.6	740.2	0.40	0.80	1.30
11/14/06	7:10	109.3	101.7	103.4	104.4	106.3	111.5	740.2	0.40	0.80	1.30
11/14/06	7:20	109.3	101.7	102.7	104.0	104.8	111.2	740.2	0.40	0.80	1.30
11/14/06	7:30	109.3	101.7	102.3	103.6	103.8	109.9	740.2	0.40	0.80	1.30
11/14/06	7:40	109.3	101.7	102.2	103.5	103.1	108.1	740.2	0.40	0.80	1.30
11/14/06	7:50	109.3	101.7	102.1	103.2	102.7	106.6	740.2	0.40	0.80	1.30
11/14/06	8:00	109.6	101.5	101.7	102.9	102.3	105.2	741.2	0.00	1.40	1.50
11/14/06	8:10	109.6	101.5	101.5	102.8	102.1	104.2	741.2	0.00	1.40	1.50
11/14/06	8:20	109.6	101.5	101.4	102.7	101.9	103.6	741.2	0.00	1.40	1.50
11/14/06	8:30	109.6	101.5	101.4	102.6	101.7	103.1	741.2	0.00	1.40	1.50
11/14/06	8:40	109.6	101.5	101.3	102.5	101.5	102.7	741.2	0.00	1.40	1.50
11/14/06	8:50	109.6	101.5	101.3	102.5	101.5	102.3	741.2	0.00	1.40	1.50
11/14/06	9:00	108.7	101.4	101.0	102.3	101.2	101.9	742.1	0.00	1.30	1.40
11/14/06	9:10	108.7	101.4	101.9	102.8	101.2	101.7	742.1	0.00	1.30	1.40
11/14/06	9:20	108.7	101.4	102.1	102.8	101.2	101.6	742.1	0.00	1.30	1.40
11/14/06	9:30	108.7	101.4	101.9	102.7	101.4	101.5	742.1	0.00	1.30	1.40
11/14/06	9:40	108.7	101.4	101.7	102.5	101.9	101.4	742.1	0.00	1.30	1.40
11/14/06	9:50	108.7	101.4	101.4	102.3	101.9	101.3	742.1	0.00	1.30	1.40
11/14/06	10:00	106.0	101.3	101.3	102.2	101.8	101.4	742.8	0.00	1.30	1.40

Table 2 (continued). Ten Minute Percent Saturation Data from the DWQI FMS station and all Five Experimental Sites; including RO flow, Power flow and Total flow data (Q) in 1000 Cubic Feet per Second (KCFS); with Barometric Pressure in mmHg, November 11, 2006 to November 17, 2006.

Date MMDDYY	Time HHMM	DWQI Percent	Site 1 Percent	Site 2 Percent	Site 3 Percent	Site 4 Percent	Site 5 Percent	Barometer (mmHg)	RO (KCFS)	Power (KCFS)	Total Q (KCFS)
		Saturation	Saturation	Saturation	Saturation	Saturation	Saturation				
11/14/06	10:10	106.0	101.3	101.3	102.2	101.6	101.6	742.8	0.00	1.30	1.40
11/14/06	10:20	106.0	101.3	101.4	102.1	101.5	101.6	742.8	0.00	1.30	1.40
11/14/06	10:30	106.0	101.3	101.7	102.7	101.4	101.6	742.8	0.00	1.30	1.40
11/14/06	10:40	106.0	101.3	102.4	102.9	101.5	101.5	742.8	0.00	1.30	1.40
11/14/06	10:50	106.0	101.3	104.7	105.4	101.7	101.5	742.8	0.00	1.30	1.40
11/14/06	11:00	103.6	101.3	108.7	106.6	102.2	101.5	743.1	0.00	1.50	1.60
11/14/06	11:10	103.6	101.3	108.9	105.9	104.2	101.5	743.1	0.00	1.50	1.60
11/14/06	11:20	103.6	101.3	107.1	105.0	107.3	101.8	743.1	0.00	1.50	1.60
11/14/06	11:30	103.6	101.3	106.7	107.5	108.1	102.5	743.1	0.00	1.50	1.60
11/14/06	11:40	103.6	101.3	110.0	107.8	106.7	105.0	743.1	0.00	1.50	1.60
11/14/06	11:50	103.6	101.3	110.0	106.1	109.6	105.7	743.1	0.00	1.50	1.60
11/14/06	12:00	102.9	101.2	106.1	104.2	109.6	106.9	743.5	0.00	1.50	1.60
11/14/06	12:10	102.9	101.2	107.6	106.5	107.0	108.1	743.5	0.00	1.50	1.60
11/14/06	12:20	102.9	101.2	108.3	106.9	105.7	107.7	743.5	0.00	1.50	1.60
11/14/06	12:30	102.9	101.2	108.2	106.7	107.5	106.5	743.5	0.00	1.50	1.60
11/14/06	12:40	102.9	101.2	108.1	106.7	107.7	106.9	743.5	0.00	1.50	1.60
11/14/06	12:50	102.9	101.2	108.1	106.6	107.7	107.2	743.5	0.00	1.50	1.60
11/14/06	13:00	105.5	101.2	104.4	103.2	107.4	107.3	743.9	0.00	4.20	4.30
11/14/06	13:10	105.5	101.2	100.5	101.4	103.3	106.9	743.9	0.00	4.20	4.30
11/14/06	13:20	105.5	101.2	100.6	101.3	100.3	104.7	743.9	0.00	4.20	4.30
11/14/06	13:30	105.5	101.2	99.4	100.8	99.7	102.4	743.9	0.00	4.20	4.30
11/14/06	13:40	105.5	101.2	98.7	100.4	99.5	101.1	743.9	0.00	4.20	4.30
11/14/06	13:50	105.5	101.2	98.3	100.1	98.9	100.6	743.9	0.00	4.20	4.30
11/14/06	14:00	106.4	101.1	98.0	99.9	98.5	99.9	744.4	0.00	2.60	2.70
11/14/06	14:10	106.4	101.1	97.9	99.8	98.1	99.4	744.4	0.00	2.60	2.70
11/14/06	14:20	106.4	101.1	97.7	99.6	98.0	98.9	744.4	0.00	2.60	2.70
11/14/06	14:30	106.4	101.1	97.9	99.8	97.9	98.6	744.4	0.00	2.60	2.70
11/14/06	14:40	106.4	101.1	98.8	100.4	97.8	98.3	744.4	0.00	2.60	2.70

Table 2 (continued). Ten Minute Percent Saturation Data from the DWQI FMS station and all Five Experimental Sites; including RO flow, Power flow and Total flow data (Q) in 1000 Cubic Feet per Second (KCFS); with Barometric Pressure in mmHg, November 11, 2006 to November 17, 2006.

Date MMDDYY	Time HHMM	DWQI Percent	Site 1 Percent	Site 2 Percent	Site 3 Percent	Site 4 Percent	Site 5 Percent	Barometer (mmHg)	RO (KCFS)	Power (KCFS)	Total Q (KCFS)
		Saturation	Saturation	Saturation	Saturation	Saturation	Saturation				
11/14/06	14:50	106.4	101.1	99.7	101.8	97.9	98.2	744.4	0.00	2.60	2.70
11/14/06	15:00	103.3	101.1	101.5	101.7	98.6	98.0	744.6	0.00	1.70	1.80
11/14/06	15:10	100.2	101.1	101.5	101.6	99.4	98.0	744.6	0.00	1.70	1.80
11/14/06	15:20	100.2	101.1	101.5	101.5	100.8	98.2	744.6	0.00	1.70	1.80
11/14/06	15:30	100.2	101.1	101.2	101.3	101.3	98.7	744.6	0.00	1.70	1.80
11/14/06	15:40	100.2	101.1	101.0	101.3	101.3	99.4	744.6	0.00	1.70	1.80
11/14/06	15:50	100.2	101.1	100.9	101.2	101.2	99.9	744.6	0.00	1.70	1.80
11/14/06	16:00	100.1	101.0	100.7	101.1	101.1	100.3	745.1	0.00	1.40	1.50
11/14/06	16:10	100.1	101.0	100.7	101.2	100.9	100.6	745.1	0.00	1.40	1.50
11/14/06	16:20	100.1	101.0	100.7	101.1	100.8	100.7	745.1	0.00	1.40	1.50
11/14/06	16:30	100.1	101.0	100.5	101.1	100.7	100.7	745.1	0.00	1.40	1.50
11/14/06	16:40	100.1	101.0	100.5	101.1	100.7	100.7	745.1	0.00	1.40	1.50
11/14/06	16:50	100.1	101.0	100.3	100.9	100.6	100.6	745.1	0.00	1.40	1.50
11/14/06	17:00	100.7	101.0	100.2	100.9	100.5	100.6	745.1	0.00	1.40	1.50
11/14/06	17:10	100.7	101.0	100.2	101.0	100.4	100.6	745.1	0.00	1.40	1.50
11/14/06	17:20	100.7	101.0	100.1	100.9	100.3	100.5	745.1	0.00	1.40	1.50
11/14/06	17:30	100.7	101.0	100.2	101.0	100.2	100.5	745.1	0.00	1.40	1.50
11/14/06	17:40	100.7	101.0	100.3	101.1	100.1	100.4	745.1	0.00	1.40	1.50
11/14/06	17:50	100.7	101.0	100.5	101.3	100.1	100.3	745.1	0.00	1.40	1.50
11/14/06	18:00	100.6	101.0	100.7	101.2	100.2	100.2	745.4	0.00	1.40	1.50
11/14/06	18:10	100.6	101.0	100.6	101.2	100.3	100.1	745.4	0.00	1.40	1.50
11/14/06	18:20	100.6	101.0	100.6	101.2	100.4	100.1	745.4	0.00	1.40	1.50
11/14/06	18:30	100.6	101.0	100.6	101.3	100.4	100.2	745.4	0.00	1.40	1.50
11/14/06	18:40	100.6	101.0	100.6	101.2	100.5	100.3	745.4	0.00	1.40	1.50
11/14/06	18:50	100.6	101.0	100.6	101.2	100.6	100.3	745.4	0.00	1.40	1.50
11/14/06	19:00	100.5	101.0	100.6	101.2	100.6	100.4	745.2	0.00	1.40	1.50
11/14/06	19:10	100.5	101.0	100.4	101.1	100.5	100.4	745.2	0.00	1.40	1.50
11/14/06	19:20	100.5	101.0	100.4	101.2	100.5	100.4	745.2	0.00	1.40	1.50

Table 2 (continued). Ten Minute Percent Saturation Data from the DWQI FMS station and all Five Experimental Sites; including RO flow, Power flow and Total flow data (Q) in 1000 Cubic Feet per Second (KCFS); with Barometric Pressure in mmHg, November 11, 2006 to November 17, 2006.

Date MMDDYY	Time HHMM	DWQI Percent	Site 1 Percent	Site 2 Percent	Site 3 Percent	Site 4 Percent	Site 5 Percent	Barometer (mmHg)	RO (KCFS)	Power (KCFS)	Total Q (KCFS)
		Saturation	Saturation	Saturation	Saturation	Saturation	Saturation				
11/14/06	19:30	100.5	101.0	100.4	101.2	100.4	100.4	745.2	0.00	1.40	1.50
11/14/06	19:40	100.5	101.0	100.4	101.2	100.4	100.4	745.2	0.00	1.40	1.50
11/14/06	19:50	100.5	101.0	100.4	101.2	100.4	100.4	745.2	0.00	1.40	1.50
11/14/06	20:00	100.4	100.9	100.4	101.2	100.2	100.3	745.7	0.00	1.40	1.50
11/14/06	20:10	100.4	100.9	100.4	101.2	100.2	100.3	745.7	0.00	1.40	1.50
11/14/06	20:20	100.4	100.9	100.4	101.2	100.2	100.2	745.7	0.00	1.40	1.50
11/14/06	20:30	100.4	100.9	100.4	101.3	100.3	100.2	745.7	0.00	1.40	1.50
11/14/06	20:40	100.4	100.9	100.5	101.3	100.3	100.2	745.7	0.00	1.40	1.50
11/14/06	20:50	100.4	100.9	100.5	101.4	100.3	100.2	745.7	0.00	1.40	1.50
11/14/06	21:00	100.4	100.9	100.8	101.4	100.4	100.2	745.7	0.00	1.40	1.50
11/14/06	21:10	100.4	100.9	100.7	101.4	100.4	100.2	745.7	0.00	1.40	1.50
11/14/06	21:20	100.4	100.9	100.5	101.4	100.5	100.2	745.7	0.00	1.40	1.50
11/14/06	21:30	100.4	100.9	100.5	101.4	100.5	100.3	745.7	0.00	1.40	1.50
11/14/06	21:40	100.4	100.9	100.6	101.4	100.5	100.4	745.7	0.00	1.40	1.50
11/14/06	21:50	100.4	100.9	100.5	101.4	100.4	100.4	745.7	0.00	1.40	1.50
11/14/06	22:00	100.5	101.0	100.7	101.6	100.6	100.5	745.0	0.00	1.40	1.50
11/14/06	22:10	100.5	101.0	100.7	101.7	100.6	100.5	745.0	0.00	1.40	1.50
11/14/06	22:20	100.5	101.0	100.7	101.5	100.6	100.5	745.0	0.00	1.40	1.50
11/14/06	22:30	100.5	101.0	100.5	101.5	100.6	100.5	745.0	0.00	1.40	1.50
11/14/06	22:40	100.5	101.0	100.6	101.6	100.5	100.5	745.0	0.00	1.40	1.50
11/14/06	22:50	100.5	101.0	100.6	101.6	100.5	100.5	745.0	0.00	1.40	1.50
11/14/06	23:00	100.7	101.1	100.7	101.7	100.6	100.6	744.5	0.00	1.40	1.50
11/14/06	23:10	100.7	101.1	100.7	101.7	100.6	100.5	744.5	0.00	1.40	1.50
11/14/06	23:20	100.7	101.1	100.5	101.5	100.6	100.5	744.5	0.00	1.40	1.50
11/14/06	23:30	100.7	101.1	100.5	101.6	100.6	100.5	744.5	0.00	1.40	1.50
11/14/06	23:40	100.7	101.1	100.5	101.7	100.5	100.5	744.5	0.00	1.40	1.50
11/14/06	23:50	100.7	101.1	100.5	101.7	100.5	100.5	744.5	0.00	1.40	1.50
11/15/06	0:00	100.7	101.2	100.7	101.8	100.6	100.6	743.6	0.00	1.40	1.50

Table 2 (continued). Ten Minute Percent Saturation Data from the DWQI FMS station and all Five Experimental Sites; including RO flow, Power flow and Total flow data (Q) in 1000 Cubic Feet per Second (KCFS); with Barometric Pressure in mmHg, November 11, 2006 to November 17, 2006.

Date MMDDYY	Time HHMM	DWQI Percent	Site 1 Percent	Site 2 Percent	Site 3 Percent	Site 4 Percent	Site 5 Percent	Barometer (mmHg)	RO (KCFS)	Power (KCFS)	Total Q (KCFS)
		Saturation	Saturation	Saturation	Saturation	Saturation	Saturation				
11/15/06	0:10	100.7	101.2	100.7	101.8	100.6	100.6	743.6	0.00	1.40	1.50
11/15/06	0:20	100.7	101.2	100.5	101.7	100.6	100.6	743.6	0.00	1.40	1.50
11/15/06	0:30	100.7	101.2	100.3	101.7	100.6	100.5	743.6	0.00	1.40	1.50
11/15/06	0:40	100.7	101.2	100.3	101.7	100.5	100.5	743.6	0.00	1.40	1.50
11/15/06	0:50	100.7	101.2	100.3	101.7	100.3	100.5	743.6	0.00	1.40	1.50
11/15/06	1:00	100.8	101.3	100.5	101.9	100.4	100.6	742.9	0.00	1.40	1.50
11/15/06	1:10	100.8	101.3	100.5	102.0	100.3	100.6	742.9	0.00	1.40	1.50
11/15/06	1:20	100.8	101.3	100.6	102.0	100.3	100.4	742.9	0.00	1.40	1.50
11/15/06	1:30	100.8	101.3	100.6	102.0	100.4	100.4	742.9	0.00	1.40	1.50
11/15/06	1:40	100.8	101.3	100.6	102.1	100.5	100.3	742.9	0.00	1.40	1.50
11/15/06	1:50	100.8	101.3	100.7	102.1	100.5	100.3	742.9	0.00	1.40	1.50
11/15/06	2:00	100.7	101.3	100.8	102.1	100.5	100.4	742.7	0.00	1.40	1.50
11/15/06	2:10	100.7	101.3	100.7	102.1	100.6	100.4	742.7	0.00	1.40	1.50
11/15/06	2:20	100.7	101.3	100.8	102.2	100.6	100.4	742.7	0.00	1.40	1.50
11/15/06	2:30	100.7	101.3	100.8	102.2	100.6	100.4	742.7	0.00	1.40	1.50
11/15/06	2:40	100.7	101.3	100.7	102.1	100.6	100.5	742.7	0.00	1.40	1.50
11/15/06	2:50	100.7	101.3	100.7	102.2	100.6	100.5	742.7	0.00	1.40	1.50
11/15/06	3:00	100.8	101.4	100.8	102.3	100.7	100.6	742.3	0.00	1.40	1.50
11/15/06	3:10	100.8	101.4	100.8	102.3	100.7	100.6	742.3	0.00	1.40	1.50
11/15/06	3:20	100.8	101.4	100.8	102.3	100.7	100.6	742.3	0.00	1.40	1.50
11/15/06	3:30	100.8	101.4	100.8	102.3	100.7	100.6	742.3	0.00	1.40	1.50
11/15/06	3:40	100.8	101.4	100.8	102.3	100.7	100.6	742.3	0.00	1.40	1.50
11/15/06	3:50	100.8	101.4	100.7	102.3	100.8	100.6	742.3	0.00	1.40	1.50
11/15/06	4:00	100.9	101.5	100.8	102.4	100.8	100.8	741.4	0.00	1.40	1.50
11/15/06	4:10	100.9	101.5	100.8	102.5	100.8	100.8	741.4	0.00	1.40	1.50
11/15/06	4:20	100.9	101.5	100.8	102.5	100.8	100.8	741.4	0.00	1.40	1.50
11/15/06	4:30	100.9	101.5	100.9	102.6	100.8	100.8	741.4	0.00	1.40	1.50
11/15/06	4:40	100.9	101.5	100.8	102.5	100.8	100.8	741.4	0.00	1.40	1.50

Table 2 (continued). Ten Minute Percent Saturation Data from the DWQI FMS station and all Five Experimental Sites; including RO flow, Power flow and Total flow data (Q) in 1000 Cubic Feet per Second (KCFS); with Barometric Pressure in mmHg, November 11, 2006 to November 17, 2006.

Date MMDDYY	Time HHMM	DWQI Percent	Site 1 Percent	Site 2 Percent	Site 3 Percent	Site 4 Percent	Site 5 Percent	Barometer (mmHg)	RO (KCFS)	Power (KCFS)	Total Q (KCFS)
		Saturation	Saturation	Saturation	Saturation	Saturation	Saturation				
11/15/06	4:50	100.9	101.5	100.8	102.5	100.8	100.7	741.4	0.00	1.40	1.50
11/15/06	5:00	101.0	101.6	100.9	102.6	100.8	100.8	740.9	0.00	1.40	1.50
11/15/06	5:10	101.0	101.6	101.0	102.7	100.8	100.8	740.9	0.00	1.40	1.50
11/15/06	5:20	101.0	101.6	101.0	102.7	100.8	100.8	740.9	0.00	1.40	1.50
11/15/06	5:30	101.0	101.6	100.9	102.6	100.8	100.8	740.9	0.00	1.40	1.50
11/15/06	5:40	101.0	101.6	100.8	102.6	100.9	100.8	740.9	0.00	1.40	1.50
11/15/06	5:50	101.0	101.6	100.7	102.5	100.8	100.8	740.9	0.00	1.40	1.50
11/15/06	6:00	101.0	101.6	100.6	102.6	100.9	100.8	740.6	0.00	1.40	1.50
11/15/06	6:10	101.0	101.6	100.7	102.6	100.7	100.8	740.6	0.00	1.40	1.50
11/15/06	6:20	101.0	101.6	100.7	102.7	100.7	100.8	740.6	0.00	1.40	1.50
11/15/06	6:30	101.0	101.6	100.8	102.7	100.6	100.7	740.6	0.00	1.40	1.50
11/15/06	6:40	101.0	101.6	100.8	102.7	100.7	100.7	740.6	0.00	1.40	1.50
11/15/06	6:50	101.0	101.6	100.8	102.8	100.7	100.6	740.6	0.00	1.40	1.50
11/15/06	7:00	100.9	101.6	101.0	102.9	100.8	100.6	740.3	0.00	1.40	1.50
11/15/06	7:10	100.9	101.6	100.9	102.7	100.8	100.6	740.3	0.00	1.40	1.50
11/15/06	7:20	100.9	101.6	100.8	102.9	100.8	100.6	740.3	0.00	1.40	1.50
11/15/06	7:30	100.9	101.6	101.1	103.0	100.9	100.6	740.3	0.00	1.40	1.50
11/15/06	7:40	100.9	101.6	101.2	103.1	100.8	100.7	740.3	0.00	1.40	1.50
11/15/06	7:50	100.9	101.6	101.2	103.1	101.0	100.7	740.3	0.00	1.40	1.50
11/15/06	8:00	101.1	101.7	101.4	103.3	101.2	100.8	739.8	0.00	1.40	1.50
11/15/06	8:10	101.1	101.7	101.6	103.3	101.2	100.8	739.8	0.00	1.40	1.50
11/15/06	8:20	101.1	101.7	101.6	103.3	101.3	100.9	739.8	0.00	1.40	1.50
11/15/06	8:30	101.1	101.7	101.5	103.3	101.4	101.0	739.8	0.00	1.40	1.50
11/15/06	8:40	101.1	101.7	101.5	103.3	101.4	101.0	739.8	0.00	1.40	1.50
11/15/06	8:50	101.1	101.7	101.5	103.3	101.4	101.2	739.8	0.00	1.40	1.50
11/15/06	9:00	101.4	101.8	101.5	103.3	101.6	101.2	739.4	0.00	1.40	1.50
11/15/06	9:10	101.4	101.8	101.3	103.2	101.6	101.4	739.4	0.00	1.40	1.50
11/15/06	9:20	101.4	101.8	101.3	103.3	101.5	101.4	739.4	0.00	1.40	1.50

Table 2 (continued). Ten Minute Percent Saturation Data from the DWQI FMS station and all Five Experimental Sites; including RO flow, Power flow and Total flow data (Q) in 1000 Cubic Feet per Second (KCFS); with Barometric Pressure in mmHg, November 11, 2006 to November 17, 2006.

Date MMDDYY	Time HHMM	DWQI Percent	Site 1 Percent	Site 2 Percent	Site 3 Percent	Site 4 Percent	Site 5 Percent	Barometer (mmHg)	RO (KCFS)	Power (KCFS)	Total Q (KCFS)
		Saturation	Saturation	Saturation	Saturation	Saturation	Saturation				
11/15/06	9:30	101.4	101.8	101.5	103.5	101.4	101.4	739.4	0.00	1.40	1.50
11/15/06	9:40	101.4	101.8	101.6	103.5	101.3	101.4	739.4	0.00	1.40	1.50
11/15/06	9:50	101.4	101.8	101.6	103.5	101.4	101.4	739.4	0.00	1.40	1.50
11/15/06	10:00	101.5	101.8	101.6	103.5	101.6	101.4	739.0	0.00	1.30	1.40
11/15/06	10:10	101.5	101.8	101.6	103.5	101.6	101.4	739.0	0.00	1.30	1.40
11/15/06	10:20	101.5	101.8	101.5	103.5	101.6	101.4	739.0	0.00	1.30	1.40
11/15/06	10:30	101.5	101.8	101.6	103.5	101.6	101.6	739.0	0.00	1.30	1.40
11/15/06	10:40	101.5	101.8	101.6	103.5	101.6	101.6	739.0	0.00	1.30	1.40
11/15/06	10:50	101.5	101.8	101.6	103.7	101.5	101.6	739.0	0.00	1.30	1.40
11/15/06	11:00	101.9	102.0	101.9	103.8	101.8	101.7	737.7	0.00	1.30	1.40
11/15/06	11:10	101.9	102.0	101.9	103.8	101.8	101.7	737.7	0.00	1.30	1.40
11/15/06	11:20	101.9	102.0	101.7	103.7	101.8	101.7	737.7	0.00	1.30	1.40
11/15/06	11:30	101.9	102.0	101.6	103.6	101.8	101.7	737.7	0.00	1.30	1.40
11/15/06	11:40	101.9	102.0	101.6	103.8	101.8	101.7	737.7	0.00	1.30	1.40
11/15/06	11:50	101.9	102.0	101.7	103.8	101.7	101.7	737.7	0.00	1.30	1.40
11/15/06	12:00	102.4	102.2	101.8	103.9	101.8	102.0	736.5	0.00	1.40	1.50
11/15/06	12:10	102.4	102.2	101.8	103.9	101.9	102.0	736.5	0.00	1.40	1.50
11/15/06	12:20	102.4	102.2	101.8	103.9	102.0	101.9	736.5	0.00	1.40	1.50
11/15/06	12:30	102.4	102.2	101.8	104.0	102.0	101.9	736.5	0.00	1.40	1.50
11/15/06	12:40	102.4	102.2	101.8	104.0	101.9	101.9	736.5	0.00	1.40	1.50
11/15/06	12:50	102.4	102.2	101.8	104.0	101.8	101.9	736.5	0.00	1.40	1.50
11/15/06	13:00	102.6	102.4	102.0	104.2	102.0	102.1	735.1	0.00	1.40	1.50
11/15/06	13:10	102.6	102.4	101.8	104.1	102.0	102.1	735.1	0.00	1.40	1.50
11/15/06	13:20	102.6	102.4	101.6	104.0	102.0	102.1	735.1	0.00	1.40	1.50
11/15/06	13:30	102.6	102.4	101.5	104.0	102.0	102.1	735.1	0.00	1.40	1.50
11/15/06	13:40	102.6	102.4	101.5	104.1	101.8	102.0	735.1	0.00	1.40	1.50
11/15/06	13:50	102.6	102.4	101.6	104.1	101.7	102.0	735.1	0.00	1.40	1.50
11/15/06	14:00	102.5	102.5	101.7	104.2	101.7	102.1	733.9	0.00	1.40	1.50

Table 2 (continued). Ten Minute Percent Saturation Data from the DWQI FMS station and all Five Experimental Sites; including RO flow, Power flow and Total flow data (Q) in 1000 Cubic Feet per Second (KCFS); with Barometric Pressure in mmHg, November 11, 2006 to November 17, 2006.

Date MMDDYY	Time HHMM	DWQI Percent	Site 1 Percent	Site 2 Percent	Site 3 Percent	Site 4 Percent	Site 5 Percent	Barometer (mmHg)	RO (KCFS)	Power (KCFS)	Total Q (KCFS)
		Saturation	Saturation	Saturation	Saturation	Saturation	Saturation				
11/15/06	14:10	102.5	102.5	101.6	104.2	101.7	102.1	733.9	0.00	1.40	1.50
11/15/06	14:20	102.5	102.5	101.5	104.2	101.7	101.9	733.9	0.00	1.40	1.50
11/15/06	14:30	102.5	102.5	101.6	104.2	101.6	101.8	733.9	0.00	1.40	1.50
11/15/06	14:40	102.5	102.5	101.6	104.2	101.6	101.8	733.9	0.00	1.40	1.50
11/15/06	14:50	102.5	102.5	101.6	104.2	101.5	101.8	733.9	0.00	1.40	1.50
11/15/06	15:00	102.1	102.6	101.5	104.3	101.6	101.7	733.3	0.00	1.40	1.50
11/15/06	15:10	102.1	102.6	101.5	104.3	101.6	101.7	733.3	0.00	1.40	1.50
11/15/06	15:20	102.1	102.6	101.6	104.4	101.5	101.7	733.3	0.00	1.40	1.50
11/15/06	15:30	102.1	102.6	101.6	104.3	101.5	101.6	733.3	0.00	1.40	1.50
11/15/06	15:40	102.1	102.6	101.5	104.4	101.5	101.6	733.3	0.00	1.40	1.50
11/15/06	15:50	102.1	102.6	101.5	104.3	101.5	101.6	733.3	0.00	1.40	1.50
11/15/06	16:00	101.6	102.6	101.4	104.3	101.5	101.5	733.2	0.00	1.40	1.50
11/15/06	16:10	101.6	102.6	101.4	104.3	101.4	101.5	733.2	0.00	1.40	1.50
11/15/06	16:20	101.6	102.6	101.4	104.4	101.3	101.5	733.2	0.00	1.40	1.50
11/15/06	16:30	101.6	102.6	101.4	104.4	101.3	101.5	733.2	0.00	1.40	1.50
11/15/06	16:40	101.6	102.6	101.4	104.4	101.3	101.3	733.2	0.00	1.40	1.50
11/15/06	16:50	101.6	102.6	101.3	104.3	101.3	101.3	733.2	0.00	1.40	1.50
11/15/06	17:00	101.4	102.7	101.3	104.5	101.4	101.4	732.4	0.00	1.40	1.50
11/15/06	17:10	101.4	102.7	101.4	104.5	101.3	101.4	732.4	0.00	1.40	1.50
11/15/06	17:20	101.4	102.7	101.3	104.5	101.2	101.3	732.4	0.00	1.40	1.50
11/15/06	17:30	101.4	102.7	101.3	104.5	101.2	101.3	732.4	0.00	1.40	1.50
11/15/06	17:40	101.4	102.7	101.3	104.5	101.2	101.3	732.4	0.00	1.40	1.50
11/15/06	17:50	101.4	102.7	101.4	104.6	101.2	101.3	732.4	0.00	1.40	1.50
11/15/06	18:00	101.3	102.9	101.5	104.7	101.3	101.3	731.4	0.00	1.40	1.50
11/15/06	18:10	101.3	102.9	101.5	104.8	101.3	101.3	731.4	0.00	1.40	1.50
11/15/06	18:20	101.3	102.9	101.5	104.8	101.3	101.3	731.4	0.00	1.40	1.50
11/15/06	18:30	101.3	102.9	101.6	104.8	101.4	101.3	731.4	0.00	1.40	1.50
11/15/06	18:40	101.3	102.9	101.6	104.9	101.4	101.3	731.4	0.00	1.40	1.50

Table 2 (continued). Ten Minute Percent Saturation Data from the DWQI FMS station and all Five Experimental Sites; including RO flow, Power flow and Total flow data (Q) in 1000 Cubic Feet per Second (KCFS); with Barometric Pressure in mmHg, November 11, 2006 to November 17, 2006.

Date MMDDYY	Time HHMM	DWQI Percent	Site 1 Percent	Site 2 Percent	Site 3 Percent	Site 4 Percent	Site 5 Percent	Barometer (mmHg)	RO (KCFS)	Power (KCFS)	Total Q (KCFS)
		Saturation	Saturation	Saturation	Saturation	Saturation	Saturation				
11/15/06	18:50	101.3	102.9	101.6	104.8	101.4	101.3	731.4	0.00	1.40	1.50
11/15/06	19:00	101.3	103.0	101.6	104.9	101.6	101.4	730.5	0.00	1.40	1.50
11/15/06	19:10	101.3	103.0	101.6	104.9	101.6	101.4	730.5	0.00	1.40	1.50
11/15/06	19:20	101.3	103.0	101.6	104.9	101.6	101.5	730.5	0.00	1.40	1.50
11/15/06	19:30	101.3	103.0	101.5	104.9	101.6	101.5	730.5	0.00	1.40	1.50
11/15/06	19:40	101.3	103.0	101.5	105.0	101.5	101.5	730.5	0.00	1.40	1.50
11/15/06	19:50	101.3	103.0	101.6	105.0	101.4	101.5	730.5	0.00	1.40	1.50
11/15/06	20:00	101.5	103.2	101.8	105.2	101.6	101.6	729.3	0.00	1.40	1.50
11/15/06	20:10	101.5	103.2	101.9	105.2	101.6	101.6	729.3	0.00	1.40	1.50
11/15/06	20:20	101.5	103.2	101.9	105.3	101.6	101.6	729.3	0.00	1.40	1.50
11/15/06	20:30	101.5	103.2	101.9	105.3	101.7	101.6	729.3	0.00	1.40	1.50
11/15/06	20:40	101.5	103.2	101.9	105.4	101.7	101.6	729.3	0.00	1.40	1.50
11/15/06	20:50	101.5	103.2	102.1	105.4	101.7	101.6	729.3	0.00	1.40	1.50
11/15/06	21:00	101.4	103.2	102.1	105.4	101.9	101.6	729.5	0.00	1.40	1.50
11/15/06	21:10	101.4	103.2	102.1	105.4	101.9	101.6	729.5	0.00	1.40	1.50
11/15/06	21:20	101.4	103.2	102.0	105.4	102.0	101.6	729.5	0.00	1.40	1.50
11/15/06	21:30	101.4	103.2	102.0	105.4	102.0	101.7	729.5	0.00	1.40	1.50
11/15/06	21:40	101.4	103.2	102.1	105.5	101.9	101.8	729.5	0.00	1.40	1.50
11/15/06	21:50	101.4	103.2	102.2	105.5	101.9	101.8	729.5	0.00	1.40	1.50
11/15/06	22:00	101.6	103.2	102.3	105.6	101.9	101.9	729.0	0.00	1.40	1.50
11/15/06	22:10	101.6	103.2	102.3	105.7	102.1	101.9	729.0	0.00	1.40	1.50
11/15/06	22:20	101.6	103.2	102.1	105.5	102.1	101.9	729.0	0.00	1.40	1.50
11/15/06	22:30	101.6	103.2	101.9	105.4	102.1	101.9	729.0	0.00	1.40	1.50
11/15/06	22:40	101.6	103.2	101.8	105.4	102.1	102.0	729.0	0.00	1.40	1.50
11/15/06	22:50	101.6	103.2	102.0	105.6	101.9	102.0	729.0	0.00	1.40	1.50
11/15/06	23:00	101.6	103.2	102.0	105.6	101.8	102.0	729.2	0.00	1.40	1.50
11/15/06	23:10	101.6	103.2	102.0	105.6	101.8	101.9	729.2	0.00	1.40	1.50
11/15/06	23:20	101.6	103.2	102.1	105.6	101.9	101.8	729.2	0.00	1.40	1.50

Table 2 (continued). Ten Minute Percent Saturation Data from the DWQI FMS station and all Five Experimental Sites; including RO flow, Power flow and Total flow data (Q) in 1000 Cubic Feet per Second (KCFS); with Barometric Pressure in mmHg, November 11, 2006 to November 17, 2006.

Date MMDDYY	Time HHMM	DWQI Percent	Site 1 Percent	Site 2 Percent	Site 3 Percent	Site 4 Percent	Site 5 Percent	Barometer (mmHg)	RO (KCFS)	Power (KCFS)	Total Q (KCFS)
Saturation	Saturation	Saturation	Saturation	Saturation	Saturation	Saturation	Saturation				
11/15/06	23:30	101.6	103.2	102.1	105.6	101.9	101.8	729.2	0.00	1.40	1.50
11/15/06	23:40	101.6	103.2	102.1	105.6	101.9	101.8	729.2	0.00	1.40	1.50
11/15/06	23:50	101.6	103.2	102.1	105.7	101.9	101.8	729.2	0.00	1.40	1.50
11/16/06	0:00	101.6	103.2	102.1	105.6	101.9	101.7	729.3	0.00	1.40	1.50
11/16/06	0:10	101.6	103.2	101.9	105.6	101.9	101.8	729.3	0.00	1.40	1.50
11/16/06	0:20	101.6	103.2	101.9	105.5	101.9	101.8	729.3	0.00	1.40	1.50
11/16/06	0:30	101.6	103.2	101.8	105.5	101.9	101.8	729.3	0.00	1.40	1.50
11/16/06	0:40	101.6	103.2	101.8	105.5	101.8	101.8	729.3	0.00	1.40	1.50
11/16/06	0:50	101.6	103.2	101.8	105.6	101.7	101.8	729.3	0.00	1.40	1.50
11/16/06	1:00	101.6	103.2	101.9	105.6	101.7	101.8	729.4	0.00	1.40	1.50
11/16/06	1:10	101.6	103.2	101.9	105.6	101.7	101.7	729.4	0.00	1.40	1.50
11/16/06	1:20	101.6	103.2	101.9	105.6	101.7	101.7	729.4	0.00	1.40	1.50
11/16/06	1:30	101.6	103.2	101.8	105.6	101.7	101.7	729.4	0.00	1.40	1.50
11/16/06	1:40	101.6	103.2	101.8	105.6	101.7	101.7	729.4	0.00	1.40	1.50
11/16/06	1:50	101.6	103.2	101.8	105.7	101.7	101.7	729.4	0.00	1.40	1.50
11/16/06	2:00	101.5	103.1	101.8	105.6	101.5	101.6	730.2	0.00	1.40	1.50
11/16/06	2:10	101.5	103.1	101.8	105.6	101.6	101.5	730.2	0.00	1.40	1.50
11/16/06	2:20	101.5	103.1	101.8	105.6	101.6	101.5	730.2	0.00	1.40	1.50
11/16/06	2:30	101.5	103.1	101.8	105.6	101.6	101.5	730.2	0.00	1.40	1.50
11/16/06	2:40	101.5	103.1	101.8	105.6	101.6	101.5	730.2	0.00	1.40	1.50
11/16/06	2:50	101.5	103.1	101.8	105.7	101.8	101.5	730.2	0.00	1.40	1.50
11/16/06	3:00	101.3	102.9	101.7	105.6	101.6	101.4	731.4	0.00	1.40	1.50
11/16/06	3:10	101.3	102.9	101.8	105.6	101.6	101.4	731.4	0.00	1.40	1.50
11/16/06	3:20	101.3	102.9	101.7	105.6	101.6	101.4	731.4	0.00	1.40	1.50
11/16/06	3:30	101.3	102.9	101.7	105.5	101.6	101.4	731.4	0.00	1.40	1.50
11/16/06	3:40	101.3	102.9	101.6	105.4	101.6	101.4	731.4	0.00	1.40	1.50
11/16/06	3:50	101.3	102.9	101.5	105.5	101.6	101.5	731.4	0.00	1.40	1.50
11/16/06	4:00	101.2	102.8	101.4	105.4	101.4	101.4	732.1	0.00	1.40	1.50

Table 2 (continued). Ten Minute Percent Saturation Data from the DWQI FMS station and all Five Experimental Sites; including RO flow, Power flow and Total flow data (Q) in 1000 Cubic Feet per Second (KCFS); with Barometric Pressure in mmHg, November 11, 2006 to November 17, 2006.

Date MMDDYY	Time HHMM	DWQI Percent	Site 1 Percent	Site 2 Percent	Site 3 Percent	Site 4 Percent	Site 5 Percent	Barometer (mmHg)	RO (KCFS)	Power (KCFS)	Total Q (KCFS)
		Saturation	Saturation	Saturation	Saturation	Saturation	Saturation				
11/16/06	4:10	101.2	102.8	101.4	105.4	101.4	101.4	732.1	0.00	1.40	1.50
11/16/06	4:20	101.2	102.8	101.4	105.4	101.4	101.4	732.1	0.00	1.40	1.50
11/16/06	4:30	101.2	102.8	101.4	105.5	101.4	101.4	732.1	0.00	1.40	1.50
11/16/06	4:40	101.2	102.8	101.4	105.5	101.4	101.4	732.1	0.00	1.40	1.50
11/16/06	4:50	101.2	102.8	101.4	105.4	101.4	101.4	732.1	0.00	1.40	1.50
11/16/06	5:00	101.1	102.6	101.1	105.2	101.1	101.1	733.3	0.00	1.40	1.50
11/16/06	5:10	101.1	102.6	101.3	105.3	101.1	101.1	733.3	0.00	1.40	1.50
11/16/06	5:20	101.1	102.6	101.4	105.3	101.1	101.1	733.3	0.00	1.40	1.50
11/16/06	5:30	101.1	102.6	101.3	105.3	101.1	101.1	733.3	0.00	1.40	1.50
11/16/06	5:40	101.1	102.6	101.2	105.3	101.2	101.1	733.3	0.00	1.40	1.50
11/16/06	5:50	101.1	102.6	101.2	105.3	101.2	101.1	733.3	0.00	1.40	1.50
11/16/06	6:00	100.8	102.4	101.0	105.1	100.9	100.8	734.8	0.00	1.40	1.50
11/16/06	6:10	100.8	102.4	101.2	105.3	100.8	100.8	734.8	0.00	1.40	1.50
11/16/06	6:20	100.8	102.4	101.2	105.3	100.8	100.8	734.8	0.00	1.40	1.50
11/16/06	6:30	100.8	102.4	101.2	105.3	101.0	100.8	734.8	0.00	1.40	1.50
11/16/06	6:40	100.8	102.4	101.2	105.3	101.0	100.8	734.8	0.00	1.40	1.50
11/16/06	6:50	100.8	102.4	101.2	105.3	101.0	100.8	734.8	0.00	1.40	1.50
11/16/06	7:00	100.7	102.2	101.1	105.2	100.8	100.7	736.2	0.00	1.40	1.50
11/16/06	7:10	100.7	102.2	101.3	105.3	100.8	100.7	736.2	0.00	1.40	1.50
11/16/06	7:20	100.7	102.2	101.1	105.1	100.9	100.7	736.2	0.00	1.40	1.50
11/16/06	7:30	100.7	102.2	100.9	105.1	101.1	100.7	736.2	0.00	1.40	1.50
11/16/06	7:40	100.7	102.2	100.9	105.1	101.1	100.8	736.2	0.00	1.40	1.50
11/16/06	7:50	100.7	102.2	100.9	105.1	100.9	100.9	736.2	0.00	1.40	1.50
11/16/06	8:00	100.6	102.0	100.8	105.0	100.6	100.7	737.4	0.00	1.40	1.50
11/16/06	8:10	100.6	102.0	101.0	105.1	100.6	100.7	737.4	0.00	1.40	1.50
11/16/06	8:20	100.6	102.0	100.9	105.1	100.8	100.7	737.4	0.00	1.40	1.50
11/16/06	8:30	100.6	102.0	100.8	105.0	100.8	100.6	737.4	0.00	1.40	1.50
11/16/06	8:40	100.6	102.0	100.8	105.1	100.8	100.6	737.4	0.00	1.40	1.50

Table 2 (continued). Ten Minute Percent Saturation Data from the DWQI FMS station and all Five Experimental Sites; including RO flow, Power flow and Total flow data (Q) in 1000 Cubic Feet per Second (KCFS); with Barometric Pressure in mmHg, November 11, 2006 to November 17, 2006.

Date MMDDYY	Time HHMM	DWQI Percent	Site 1 Percent	Site 2 Percent	Site 3 Percent	Site 4 Percent	Site 5 Percent	Barometer (mmHg)	RO (KCFS)	Power (KCFS)	Total Q (KCFS)
		Saturation	Saturation	Saturation	Saturation	Saturation	Saturation				
11/16/06	8:50	100.6	102.0	100.9	105.1	100.8	100.7	737.4	0.00	1.40	1.50
11/16/06	9:00	100.7	101.9	100.8	105.0	100.6	100.5	738.5	0.00	1.40	1.50
11/16/06	9:10	100.7	101.9	100.9	105.1	100.7	100.6	738.5	0.00	1.40	1.50
11/16/06	9:20	100.7	101.9	100.8	105.0	100.7	100.6	738.5	0.00	1.40	1.50
11/16/06	9:30	100.7	101.9	100.7	105.0	100.7	100.7	738.5	0.00	1.40	1.50
11/16/06	9:40	100.7	101.9	100.7	104.9	100.7	100.7	738.5	0.00	1.40	1.50
11/16/06	9:50	100.7	101.9	100.7	105.1	100.7	100.7	738.5	0.00	1.40	1.50
11/16/06	10:00	100.9	101.8	100.7	105.0	100.7	100.6	739.0	0.00	1.40	1.50
11/16/06	10:10	100.9	101.8	100.7	105.0	100.7	100.7	739.0	0.00	1.40	1.50
11/16/06	10:20	100.9	101.8	100.7	104.9	100.7	100.7	739.0	0.00	1.40	1.50
11/16/06	10:30	100.9	101.8	100.7	105.0	100.7	100.6	739.0	0.00	1.40	1.50
11/16/06	10:40	100.9	101.8	100.8	105.0	100.7	100.6	739.0	0.00	1.40	1.50
11/16/06	10:50	100.9	101.8	100.9	105.1	100.7	100.6	739.0	0.00	1.40	1.50
11/16/06	11:00	101.1	101.8	100.9	105.1	100.7	100.6	739.1	0.00	1.40	1.50
11/16/06	11:10	101.1	101.8	100.9	105.1	100.7	100.6	739.1	0.00	1.40	1.50
11/16/06	11:20	101.1	101.8	100.9	105.1	100.8	100.7	739.1	0.00	1.40	1.50
11/16/06	11:30	101.1	101.8	100.9	105.1	100.8	100.7	739.1	0.00	1.40	1.50
11/16/06	11:40	101.1	101.8	100.9	105.1	100.8	100.7	739.1	0.00	1.40	1.50
11/16/06	11:50	101.1	101.8	101.0	105.3	100.8	100.7	739.1	0.00	1.40	1.50
11/16/06	12:00	101.3	101.8	101.1	105.3	100.9	100.7	739.2	0.00	1.40	1.50
11/16/06	12:10	101.3	101.8	101.1	105.2	100.9	100.8	739.2	0.00	1.40	1.50
11/16/06	12:20	101.3	101.8	101.1	105.2	101.1	100.9	739.2	0.00	1.40	1.50
11/16/06	12:30	101.3	101.8	101.0	105.2	101.1	100.9	739.2	0.00	1.40	1.50
11/16/06	12:40	101.3	101.8	101.0	105.2	101.1	101.0	739.2	0.00	1.40	1.50
11/16/06	12:50	101.3	101.8	101.1	105.3	101.1	101.0	739.2	0.00	1.40	1.50
11/16/06	13:00	101.6	101.8	101.0	105.3	101.1	101.1	739.0	0.00	1.40	1.50
11/16/06	13:10	101.6	101.8	101.0	105.3	101.1	101.1	739.0	0.00	1.40	1.50
11/16/06	13:20	101.6	101.8	100.9	105.3	101.1	101.1	739.0	0.00	1.40	1.50

Table 2 (continued). Ten Minute Percent Saturation Data from the DWQI FMS station and all Five Experimental Sites; including RO flow, Power flow and Total flow data (Q) in 1000 Cubic Feet per Second (KCFS); with Barometric Pressure in mmHg, November 11, 2006 to November 17, 2006.

Date MMDDYY	Time HHMM	DWQI Percent	Site 1 Percent	Site 2 Percent	Site 3 Percent	Site 4 Percent	Site 5 Percent	Barometer (mmHg)	RO (KCFS)	Power (KCFS)	Total Q (KCFS)
		Saturation	Saturation	Saturation	Saturation	Saturation	Saturation				
11/16/06	13:30	101.6	101.8	101.0	105.3	101.1	101.2	739.0	0.00	1.40	1.50
11/16/06	13:40	101.6	101.8	100.9	105.3	101.0	101.2	739.0	0.00	1.40	1.50
11/16/06	13:50	101.6	101.8	100.9	105.3	100.9	101.1	739.0	0.00	1.40	1.50
11/16/06	14:00	101.4	101.8	100.8	105.3	100.9	101.0	739.4	0.00	1.40	1.50
11/16/06	14:10	101.4	101.8	100.8	105.2	100.9	101.0	739.4	0.00	1.40	1.50
11/16/06	14:20	101.4	101.8	100.8	105.2	100.9	101.0	739.4	0.00	1.40	1.50
11/16/06	14:30	101.4	101.8	100.8	105.3	100.8	101.0	739.4	0.00	1.40	1.50
11/16/06	14:40	101.4	101.8	100.8	105.3	100.8	101.0	739.4	0.00	1.40	1.50
11/16/06	14:50	101.4	101.8	100.8	105.2	100.8	100.9	739.4	0.00	1.40	1.50
11/16/06	15:00	101.1	101.7	100.7	105.2	100.7	100.8	739.8	0.00	1.40	1.50
11/16/06	15:10	101.1	101.7	100.6	105.2	100.7	100.8	739.8	0.00	1.40	1.50
11/16/06	15:20	101.1	101.7	100.5	105.2	100.6	100.7	739.8	0.00	1.40	1.50
11/16/06	15:30	101.1	101.7	100.4	105.1	100.6	100.7	739.8	0.00	1.40	1.50
11/16/06	15:40	101.1	101.7	100.4	105.1	100.5	100.7	739.8	0.00	1.40	1.50
11/16/06	15:50	101.1	101.7	100.4	105.2	100.4	100.7	739.8	0.00	1.40	1.50
11/16/06	16:00	100.6	101.6	100.2	105.0	100.2	100.4	740.7	0.00	1.40	1.50
11/16/06	16:10	100.6	101.6	100.2	105.1	100.2	100.4	740.7	0.00	1.40	1.50
11/16/06	16:20	100.6	101.6	100.4	105.1	100.1	100.3	740.7	0.00	1.40	1.50
11/16/06	16:30	100.6	101.6	100.3	105.0	100.2	100.3	740.7	0.00	1.40	1.50
11/16/06	16:40	100.6	101.6	100.2	105.0	100.2	100.2	740.7	0.00	1.40	1.50
11/16/06	16:50	100.6	101.6	100.1	105.0	100.2	100.2	740.7	0.00	1.40	1.50
11/16/06	17:00	100.3	101.6	100.0	104.9	100.1	100.1	741.0	0.00	1.40	1.50
11/16/06	17:10	100.3	101.6	100.0	104.9	100.0	100.1	741.0	0.00	1.40	1.50
11/16/06	17:20	100.3	101.6	99.9	104.9	99.9	100.1	741.0	0.00	1.40	1.50
11/16/06	17:30	100.3	101.6	99.9	105.0	99.9	100.0	741.0	0.00	1.40	1.50
11/16/06	17:40	100.3	101.6	100.1	105.1	99.9	100.0	741.0	0.00	1.40	1.50
11/16/06	17:50	100.3	101.6	100.3	105.3	99.9	100.0	741.0	0.00	1.40	1.50
11/16/06	13:30	101.6	101.8	101.0	105.3	101.1	101.2	739.0	0.00	1.40	1.50

Table 2 (continued). Ten Minute Percent Saturation Data from the DWQI FMS station and all Five Experimental Sites; including RO flow, Power flow and Total flow data (Q) in 1000 Cubic Feet per Second (KCFS); with Barometric Pressure in mmHg, November 11, 2006 to November 17, 2006.

Date MMDDYY	Time HHMM	DWQI Percent	Site 1 Percent	Site 2 Percent	Site 3 Percent	Site 4 Percent	Site 5 Percent	Barometer (mmHg)	RO (KCFS)	Power (KCFS)	Total Q (KCFS)
Saturation	Saturation	Saturation	Saturation	Saturation	Saturation	Saturation	Saturation				
11/16/06	18:00	99.9	101.5	100.6	105.3	99.8	99.8	741.7	0.00	1.40	1.50
11/16/06	18:10	99.9	101.5	100.8	105.4	100.0	99.8	741.7	0.00	1.40	1.50
11/16/06	18:20	99.9	101.5	100.8	105.4	100.2	99.8	741.7	0.00	1.40	1.50
11/16/06	18:30	99.9	101.5	100.9	105.4	100.4	99.8	741.7	0.00	1.40	1.50
11/16/06	18:40	99.9	101.5	100.9	105.5	100.6	100.0	741.7	0.00	1.40	1.50
11/16/06	18:50	99.9	101.5	100.9	105.5	100.6	100.1	741.7	0.00	1.40	1.50
11/16/06	19:00	99.9	101.4	101.0	105.5	100.7	100.2	741.9	0.00	1.30	1.40
11/16/06	19:10	99.9	101.4	101.0	105.5	100.7	100.3	741.9	0.00	1.30	1.40
11/16/06	19:20	99.9	101.4	101.0	105.5	100.8	100.4	741.9	0.00	1.30	1.40
11/16/06	19:30	99.9	101.4	101.0	105.5	100.8	100.5	741.9	0.00	1.30	1.40
11/16/06	19:40	99.9	101.4	101.0	105.5	100.8	100.6	741.9	0.00	1.30	1.40
11/16/06	19:50	99.9	101.4	101.0	105.5	100.8	100.6	741.9	0.00	1.30	1.40
11/16/06	20:00	100.1	101.4	100.9	105.5	100.8	100.6	742.2	0.00	1.40	1.50
11/16/06	20:10	100.1	101.4	100.8	105.5	100.8	100.6	742.2	0.00	1.40	1.50
11/16/06	20:20	100.1	101.4	101.0	105.6	100.8	100.6	742.2	0.00	1.40	1.50
11/16/06	20:30	100.1	101.4	101.0	105.6	100.8	100.6	742.2	0.00	1.40	1.50
11/16/06	20:40	100.1	101.4	101.0	105.6	100.8	100.6	742.2	0.00	1.40	1.50
11/16/06	20:50	100.1	101.4	101.1	105.6	100.8	100.6	742.2	0.00	1.40	1.50
11/16/06	21:00	100.4	101.4	101.1	105.7	100.8	100.6	742.4	0.00	1.30	1.40
11/16/06	21:10	100.4	101.4	101.1	105.7	100.9	100.7	742.4	0.00	1.30	1.40
11/16/06	21:20	100.4	101.4	101.0	105.7	100.9	100.7	742.4	0.00	1.30	1.40
11/16/06	21:30	100.4	101.4	101.0	105.6	100.9	100.7	742.4	0.00	1.30	1.40
11/16/06	21:40	100.4	101.4	101.0	105.7	100.9	100.7	742.4	0.00	1.30	1.40
11/16/06	21:50	100.4	101.4	101.0	105.7	100.9	100.8	742.4	0.00	1.30	1.40
11/16/06	22:00	100.4	101.3	101.0	105.6	100.8	100.7	742.7	0.00	1.30	1.40
11/16/06	22:10	100.4	101.3	101.1	105.8	100.8	100.7	742.7	0.00	1.30	1.40
11/16/06	22:20	100.4	101.3	100.8	105.6	100.8	100.7	742.7	0.00	1.30	1.40
11/16/06	18:00	99.9	101.5	100.6	105.3	99.8	99.8	741.7	0.00	1.40	1.50

Table 2 (continued). Ten Minute Percent Saturation Data from the DWQI FMS station and all Five Experimental Sites; including RO flow, Power flow and Total flow data (Q) in 1000 Cubic Feet per Second (KCFS); with Barometric Pressure in mmHg, November 11, 2006 to November 17, 2006.

Date MMDDYY	Time HHMM	DWQI Percent	Site 1 Percent	Site 2 Percent	Site 3 Percent	Site 4 Percent	Site 5 Percent	Barometer (mmHg)	RO (KCFS)	Power (KCFS)	Total Q (KCFS)
Saturation	Saturation	Saturation	Saturation	Saturation	Saturation	Saturation	Saturation				
11/16/06	22:30	100.4	101.3	100.9	105.7	100.8	100.7	742.7	0.00	1.30	1.40
11/16/06	22:40	100.4	101.3	101.0	105.7	100.8	100.7	742.7	0.00	1.30	1.40
11/16/06	22:50	100.4	101.3	101.1	105.7	100.8	100.7	742.7	0.00	1.30	1.40
11/16/06	23:00	100.4	101.3	101.0	105.7	100.8	100.8	742.8	0.00	1.30	1.40
11/16/06	23:10	100.4	101.3	101.0	105.7	100.8	100.7	742.8	0.00	1.30	1.40
11/16/06	23:20	100.4	101.3	100.9	105.7	100.8	100.7	742.8	0.00	1.30	1.40
11/16/06	23:30	100.4	101.3	100.8	105.7	100.8	100.7	742.8	0.00	1.30	1.40
11/16/06	23:40	100.4	101.3	100.8	105.7	100.8	100.8	742.8	0.00	1.30	1.40
11/16/06	23:50	100.4	101.3	100.8	105.7	100.7	100.8	742.8	0.00	1.30	1.40
11/17/06	0:00	100.4	101.3	100.8	105.6	100.7	100.7	743.1	0.00	1.40	1.50
11/17/06	0:10	100.4	101.3	100.8	105.6	100.7	100.7	743.1	0.00	1.40	1.50
11/17/06	0:20	100.4	101.3	100.7	105.6	100.7	100.7	743.1	0.00	1.40	1.50
11/17/06	0:30	100.4	101.3	100.6	105.6	100.7	100.6	743.1	0.00	1.40	1.50
11/17/06	0:40	100.4	101.3	100.6	105.6	100.6	100.6	743.1	0.00	1.40	1.50
11/17/06	0:50	100.4	101.3	100.6	105.6	100.5	100.6	743.1	0.00	1.40	1.50
11/17/06	1:00	100.4	101.2	100.6	105.6	100.4	100.6	743.3	0.00	1.40	1.50
11/17/06	1:10	100.4	101.2	100.6	105.5	100.5	100.5	743.3	0.00	1.40	1.50
11/17/06	1:20	100.4	101.2	100.5	105.5	100.5	100.5	743.3	0.00	1.40	1.50
11/17/06	1:30	100.4	101.2	100.4	105.5	100.5	100.4	743.3	0.00	1.40	1.50
11/17/06	1:40	100.4	101.2	100.4	105.6	100.4	100.4	743.3	0.00	1.40	1.50
11/17/06	1:50	100.4	101.2	100.5	105.6	100.4	100.4	743.3	0.00	1.40	1.50
11/17/06	2:00	100.2	101.2	100.5	105.6	100.3	100.3	743.7	0.00	1.40	1.50
11/17/06	2:10	100.2	101.2	100.5	105.6	100.3	100.3	743.7	0.00	1.40	1.50
11/17/06	2:20	100.2	101.2	100.5	105.6	100.3	100.2	743.7	0.00	1.40	1.50
11/17/06	2:30	100.2	101.2	100.6	105.6	100.3	100.2	743.7	0.00	1.40	1.50
11/17/06	2:40	100.2	101.2	100.6	105.7	100.4	100.2	743.7	0.00	1.40	1.50
11/17/06	2:50	100.2	101.2	100.6	105.7	100.4	100.2	743.7	0.00	1.40	1.50
11/17/06	3:00	100.2	101.2	100.7	105.8	100.5	100.3	743.6	0.00	1.40	1.50

Table 2 (continued). Ten Minute Percent Saturation Data from the DWQI FMS station and all Five Experimental Sites; including RO flow, Power flow and Total flow data (Q) in 1000 Cubic Feet per Second (KCFS); with Barometric Pressure in mmHg, November 11, 2006 to November 17, 2006.

Date MMDDYY	Time HHMM	DWQI Percent	Site 1 Percent	Site 2 Percent	Site 3 Percent	Site 4 Percent	Site 5 Percent	Barometer (mmHg)	RO (KCFS)	Power (KCFS)	Total Q (KCFS)
		Saturation	Saturation	Saturation	Saturation	Saturation	Saturation				
11/17/06	3:10	100.2	101.2	100.7	105.7	100.5	100.3	743.6	0.00	1.40	1.50
11/17/06	3:20	100.2	101.2	100.6	105.7	100.5	100.3	743.6	0.00	1.40	1.50
11/17/06	3:30	100.2	101.2	100.6	105.7	100.5	100.3	743.6	0.00	1.40	1.50
11/17/06	3:40	100.2	101.2	100.6	105.7	100.5	100.4	743.6	0.00	1.40	1.50
11/17/06	3:50	100.2	101.2	100.5	105.8	100.5	100.4	743.6	0.00	1.40	1.50
11/17/06	4:00	100.1	101.1	100.5	105.6	100.4	100.3	744.0	0.00	1.40	1.50
11/17/06	4:10	100.1	101.1	100.5	105.7	100.4	100.3	744.0	0.00	1.40	1.50
11/17/06	4:20	100.1	101.1	100.5	105.6	100.4	100.3	744.0	0.00	1.40	1.50
11/17/06	4:30	100.1	101.1	100.5	105.7	100.4	100.3	744.0	0.00	1.40	1.50
11/17/06	4:40	100.1	101.1	100.5	105.6	100.3	100.3	744.0	0.00	1.40	1.50
11/17/06	4:50	100.1	101.1	100.4	105.6	100.4	100.3	744.0	0.00	1.40	1.50
11/17/06	5:00	100.1	101.2	100.4	105.7	100.4	100.3	743.9	0.00	1.40	1.50
11/17/06	5:10	100.1	101.2	100.5	105.7	100.3	100.3	743.9	0.00	1.40	1.50
11/17/06	5:20	100.1	101.2	100.5	105.8	100.3	100.3	743.9	0.00	1.40	1.50
11/17/06	5:30	100.1	101.2	100.6	105.8	100.3	100.3	743.9	0.00	1.40	1.50
11/17/06	5:40	100.1	101.2	100.6	105.8	100.3	100.3	743.9	0.00	1.40	1.50
11/17/06	5:50	100.1	101.2	100.5	105.8	100.4	100.2	743.9	0.00	1.40	1.50
11/17/06	6:00	100.2	101.2	100.5	105.8	100.5	100.3	743.6	0.00	1.40	1.50
11/17/06	6:10	100.2	101.2	100.7	105.9	100.5	100.3	743.6	0.00	1.40	1.50
11/17/06	6:20	100.2	101.2	100.7	105.9	100.5	100.3	743.6	0.00	1.40	1.50
11/17/06	6:30	100.2	101.2	100.8	105.9	100.5	100.3	743.6	0.00	1.40	1.50
11/17/06	6:40	100.2	101.2	100.8	106.0	100.6	100.3	743.6	0.00	1.40	1.50
11/17/06	6:50	100.2	101.2	100.7	106.0	100.6	100.4	743.6	0.00	1.40	1.50
11/17/06	7:00	100.3	101.2	100.7	105.9	100.6	100.3	743.9	0.00	1.40	1.50
11/17/06	7:10	100.3	101.2	100.8	106.0	100.6	100.3	743.9	0.00	1.40	1.50
11/17/06	7:20	100.3	101.2	100.8	106.0	100.6	100.5	743.9	0.00	1.40	1.50
11/17/06	7:30	100.3	101.2	100.8	106.0	100.6	100.5	743.9	0.00	1.40	1.50
11/17/06	7:40	100.3	101.2	100.8	106.0	100.7	100.5	743.9	0.00	1.40	1.50

Table 2 (continued). Ten Minute Percent Saturation Data from the DWQI FMS station and all Five Experimental Sites; including RO flow, Power flow and Total flow data (Q) in 1000 Cubic Feet per Second (KCFS); with Barometric Pressure in mmHg, November 11, 2006 to November 17, 2006.

Date MMDDYY	Time HHMM	DWQI Percent Saturation	Site 1 Percent Saturation	Site 2 Percent Saturation	Site 3 Percent Saturation	Site 4 Percent Saturation	Site 5 Percent Saturation	Barometer (mmHg)	RO (KCFS)	Power (KCFS)	Total Q (KCFS)
11/17/06	7:50	100.3	101.2	100.9	106.0	100.7	100.5	743.9	0.00	1.40	1.50
11/17/06	8:00	100.5	101.1	100.9	106.0	100.7	100.5	744.1	0.00	1.30	1.40
11/17/06	8:10	100.5	101.1	100.9	106.1	100.7	100.6	744.1	0.00	1.30	1.40
11/17/06	8:20	100.5	101.1	100.5	105.7	100.8	100.6	744.1	0.00	1.30	1.40
11/17/06	8:30	100.5	101.1	100.3	105.6	100.8	100.6	744.1	0.00	1.30	1.40
11/17/06	8:40	100.5	101.1	100.0	105.6	100.7	100.7	744.1	0.00	1.30	1.40
11/17/06	8:50	100.5	101.1	99.9	105.6	100.3	100.7	744.1	0.00	1.30	1.40
11/17/06	9:00	100.9	101.1	99.8	105.5	100.2	100.7	744.3	0.00	1.40	1.50
11/17/06	9:10	100.9	101.1	99.8	105.5	100.0	100.5	744.3	0.00	1.40	1.50
11/17/06	9:20	100.9	101.1	99.8	105.5	99.9	100.4	744.3	0.00	1.40	1.50
11/17/06	9:30	100.9	101.1	99.8	105.5	99.9	100.2	744.3	0.00	1.40	1.50
11/17/06	9:40	100.9	101.1	99.8	105.5	99.8	100.2	744.3	0.00	1.40	1.50
11/17/06	9:50	100.9	101.1	99.7	105.5	99.8	100.1	744.3	0.00	1.40	1.50
11/17/06	10:00	100.9	101.1	99.7	105.5	99.8	100.0	744.1	0.00	1.40	1.50
11/17/06	10:10	100.9	101.1	99.7	105.5	99.8	100.0	744.1	0.00	1.40	1.50
11/17/06	10:20	100.9	101.1	99.7	105.6	99.7	100.0	744.1	0.00	1.40	1.50
11/17/06	10:30	100.9	101.1	99.7	105.6	99.7	99.9	744.1	0.00	1.40	1.50
11/17/06	10:40	100.9	101.1	99.7	105.6	99.7	99.9	744.1	0.00	1.40	1.50

Table 3. Minimum, Maximum, and Mean TDG percent saturation values for DWQI FMS, DWQI barometer, and all Five Experimental Sites.

	DWQI Percent Saturation	Site 1 Percent Saturation	Site 2 Percent Saturation	Site 3 Percent Saturation	Site 4 Percent Saturation	Site 5 Percent Saturation	Barometer
Min	99.9	100.9	97.7	99.6	97.8	98.0	723.5
Max	112.2	104.0	115.1	110.9	113.8	113.3	745.7
Mean	102.8	102.1	103.5	104.3	103.3	103.2	736.8

Table 4. Pressure Transducer Calibration Data for the Ten Sondes used in the Study in Millimeters of Mercury (mmHg).

Sonde Serial Number	Pre Deployment Calibration Date	Nova Lynx Barometric Pressure	Open Sensor Pressure	Final Pressure Reading Difference	With 200mmHg Heise Pressure	Closed Sensor Pressure	Post Deployment Calibration Date	Open Sensor Pressure	With 100mmHg Heise Pressure	Final Pressure Reading Difference
30960	11-3-06	733	733	0	933	933	11-20-06	736.8	835	-1.8
30951	11-3-06	733	733	0	933	933	11-20-06	736.2	836	-0.2
30969	11-3-06	733	733	0	937	933	11-20-06	736.7	835	-1.7
31439	11-3-06	733	733	0	933	933	11-20-06	735.5	835	-0.5
32395	11-3-06	733	733	0	933	933	11-20-06	735.5	836	+0.5
32399	11-3-06	733	733	0	933	933	11-20-06	735.4	835	-0.4
32396	11-3-06	733	733	0	933	933	11-20-06	735.3	834	-1.3
32393	11-3-06	733	733	0	933	933	11-20-06	735.5	835	-0.5
30941	11-3-06	733	733	0	933	933	11-20-06	736.1	835	-1.1
30949	11-3-06	733	733	0	933	933	11-20-06	736.1	835	-1.1
								Average	Difference	-0.86

Table 5. Sonde Deployment Assignment by Site.

Sonde Serial Number	Location
30960	4B
30951	4A
30969	3B
31439	3A
32395	2B
32399	2A
32396	1B
32393	1A
30941	5B
30949	5A

